

## Slide 1

Slide notes: At the Management Reports, at the Job Costing section, we have an option to define Reports. This option leads to the definition of a Job Performance Report, and this type of Report can be executed from the 'Perform' option also provided here, but more commonly may end up being included in the Publication Report Library.

The screenshot shows the 'Design Measurement Report' window in the IES Client v8.29. The interface is designed for configuring report parameters. It includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with navigation icons. The main area is divided into several sections:

- Report Key #**: A text input field.
- Report Header**: A text input field.
- Std Report Columns**: A list box with a scroll bar, currently showing '1'.
- Measurement Columns**: A list box with a scroll bar, currently showing '1'.
- Predefined Selector**: A text input field.
- Report Width**: A text input field.
- List Only Joles With Meters**: A checkbox.
- Breaks**: A list box with a scroll bar, currently showing '1'.
- Page Breaks**: A list box with a scroll bar, currently showing '1'.
- Totals**: A list box with a scroll bar, currently showing '1'.
- Sort By**: A list box with a scroll bar, currently showing '1'.

Navigation links are provided for each list box: [Select Std Columns](#), [Select Measurement Cols](#), [Select Breaks](#), [Select Page Breaks](#), [Select Totals](#), [Select Sorts](#), and [Select Data Selector](#). The window title bar indicates the application is 'My IES'.

Slide 2

Slide notes: We can design our own unique Report Keys, and a numbering system is a good call.

The screenshot shows the 'Design Measurement Report' window in the IES Client v8.29 application. The window has a menu bar with 'Help', 'Submit', 'Quit', 'Functions', and 'Comments'. Below the menu is a toolbar with various icons. The main content area is divided into several sections:

- Report Header:** Includes fields for 'Report Key #' and 'Report Header'.
- Std Report Columns:** A list box containing the number '1'.
- Measurement Columns:** A list box containing the number '1'.
- Predefined Selector:** A text field.
- Report Width:** A text field.
- List Only Jobs With Meters:** A checkbox.
- Breaks:** A list box containing the number '1'.
- Page Breaks:** A list box containing the number '1'.
- Totals:** A list box containing the number '1'.
- Sort By:** A list box containing the number '1'.

There are several blue links in the center of the window: 'Select Std Columns', 'Select Measured Cols', 'Select Breaks', 'Select Page Breaks', 'Select Totals', 'Select Sorts', and 'Select Data Selector'. The window title bar reads 'IES Client v8.29 : My IES'.

Slide 3

Slide notes:

The screenshot shows the 'Design Measurement Report' window in the IES Client v8.29. The window has a menu bar with 'Help', 'Submit', 'Quit', 'Functions', and 'Commands'. Below the menu is a toolbar with various icons. The main area is titled 'Design Measurement Report' and contains several input fields and lists. On the left, there are two lists: 'Std Report Columns' and 'Measurement Columns', both with a vertical scrollbar. In the center, there are several blue links: 'Select Std Columns', 'Select Measured Cols', 'Select Breaks', 'Select Page Breaks', 'Select Totals', 'Select Sorts', and 'Select Data Selector'. On the right, there are several input fields: 'Report Key #' (containing '05'), 'Report Header', 'Predefined Selector', 'Report Width', 'List Only Jobs With Meters' (checkbox), 'Breaks', 'Page Breaks', 'Totals', and 'Sort By'. Each of these fields has a vertical scrollbar. The window also has a status bar at the bottom left with the text 'Sc' and a small icon.

#### Slide 4

Slide notes: When we use a new Key, we are defining a new Report. When we use a Key that is already present, then we can maintain that Report definition. The Report Header will be used as the Header on the Report when it is performed, and it also doubles as the Lookup Header that we recognize the Report by.

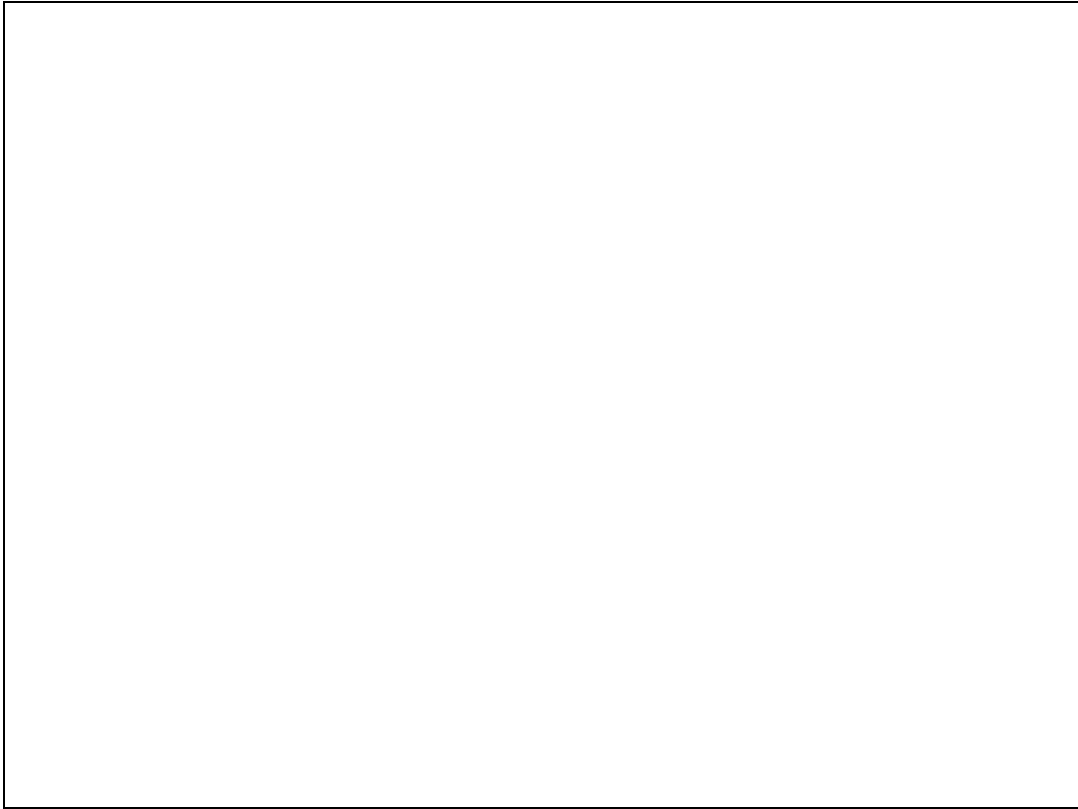
The screenshot shows the 'Design Measurement Report' window in the IES Client v8.29. The window has a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar. The main area is divided into several sections:

- Report Header:** Report Key # 05, Report Header Fuel Performance Vehicles.
- Std Report Columns:** A list box containing '1'.
- Measurement Columns:** A list box containing '1'.
- Buttons:** Select Std Columns, Select Measured Cols, Select Breaks, Select Page Breaks, Select Totals, Select Sorts, Select Data Selector.
- Breaks:** A list box containing '1'.
- Page Breaks:** A list box containing '1'.
- Totals:** A list box containing '1'.
- Sort By:** A list box containing '1'.
- Other:** Predefined Selector, Report Width, List Only Jobs With Motors (checkbox).

The interface is designed for configuring report parameters for a specific report key and header.

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Slide notes: The rest of the definition is very similar to the writing of Quick Reports.



Slide 6

Slide notes:

The screenshot shows the 'Design Measurement Report' window in the IES Client v8.29. The window has a menu bar with 'Help', 'Submit', 'Quit', 'Functions', and 'Comments'. Below the menu is a toolbar with various icons. The main content area is divided into several sections:

- Report Header:** Includes 'Report Key #' (05) and 'Report Header' (Fuel Performance Vehicles).
- Std Report Columns:** A list of columns with a '1' in the first row. Below it are buttons: 'Sec', 'Eve', 'Add', 'Int', 'Ed', 'Del'.
- Measurement Columns:** A list of columns with a '1' in the first row.
- Predefined Selector:** A dropdown menu.
- Report Width:** A text input field.
- List Only Jobs With Meters:** A checkbox.
- Breaks:** A list of breaks with a '1' in the first row.
- Page Breaks:** A list of page breaks with a '1' in the first row.
- Totals:** A list of totals with a '1' in the first row.
- Sort By:** A list of sort options with a '1' in the first row.

There are several blue links in the center: 'Select Std Columns', 'Select Measured Cols', 'Select Breaks', 'Select Page Breaks', 'Select Totals', 'Select Sorts', and 'Select Data Selector'.

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Slide notes: Standard Columns may be selected from the Job Dictionary of Names.

IES Client v8.29 : My IES

Help Submit Quit Functions Comments

Design Measurement Report

Report Key # 05

Report Header Fuel Performance Vehicles

Std Report Columns

1

Measurement Columns

1

Predefined Selector

Report Width

☐ List Only Jokes With Meters

Select Std Columns

Select Measured Cols

Select Breaks

Select Page Breaks

Select Totals

Select Sorts

Select Data Selector

Breaks

1

Page Breaks

1

Totals

1

Sort By

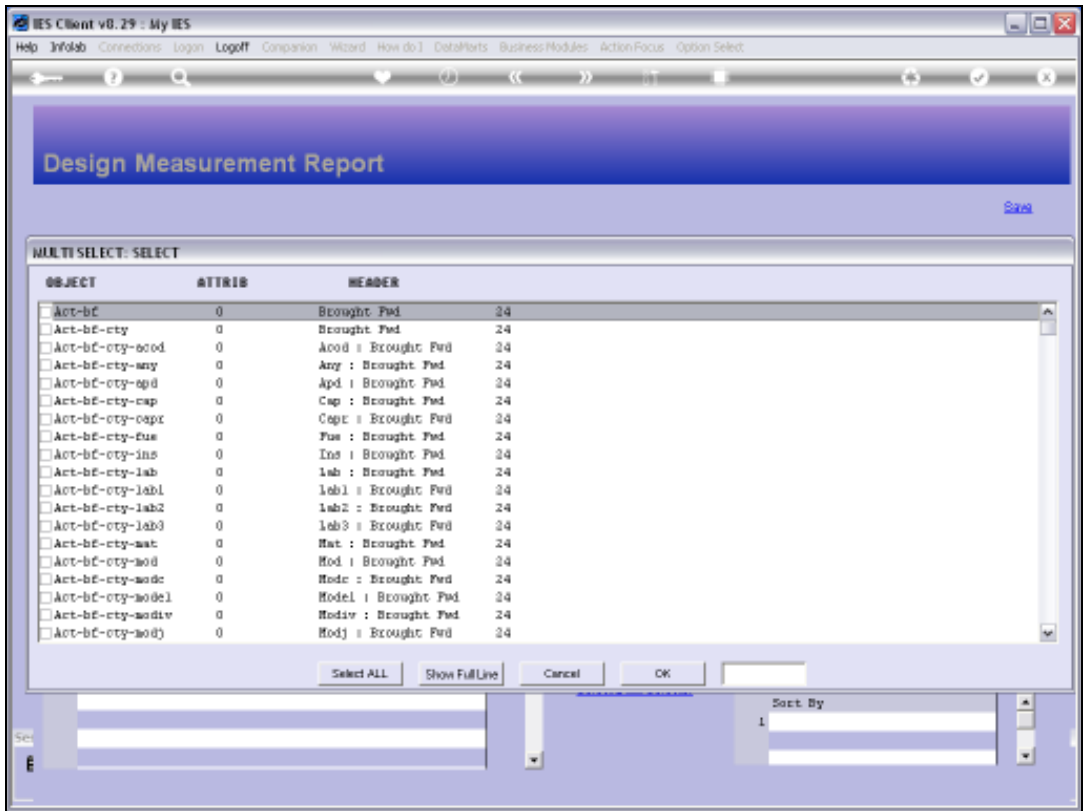
1

Save

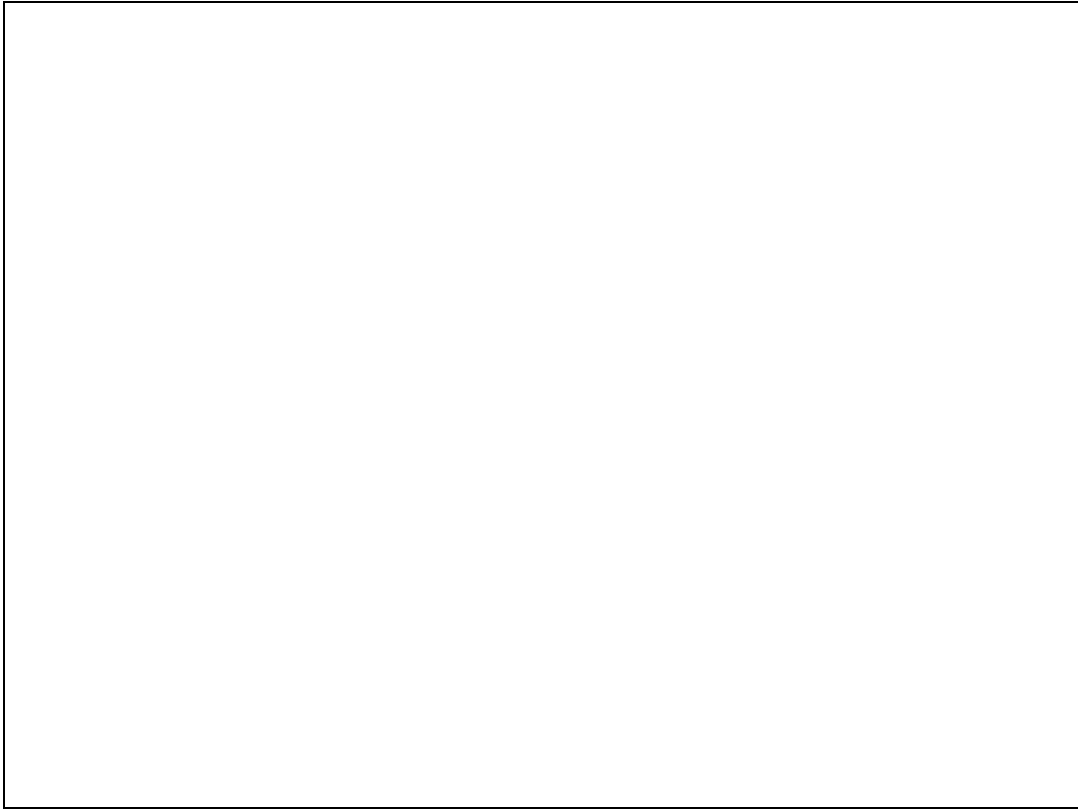
Quit

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Slide notes:



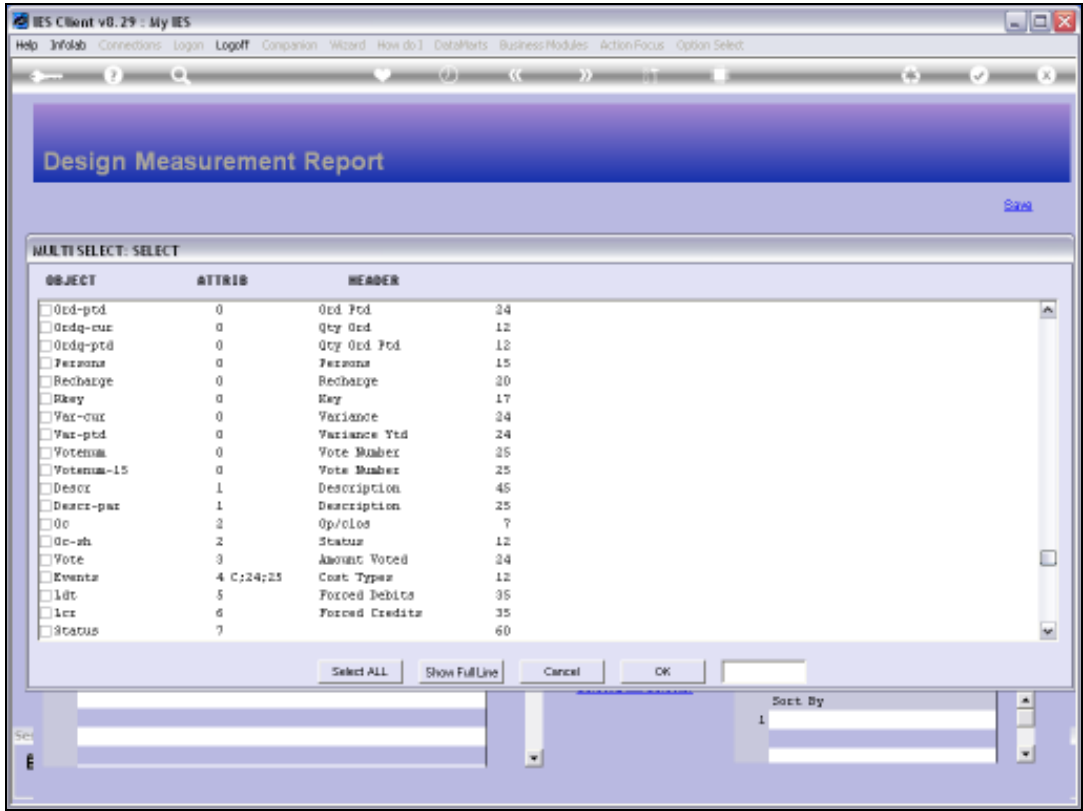


Slide 9  
Slide notes:

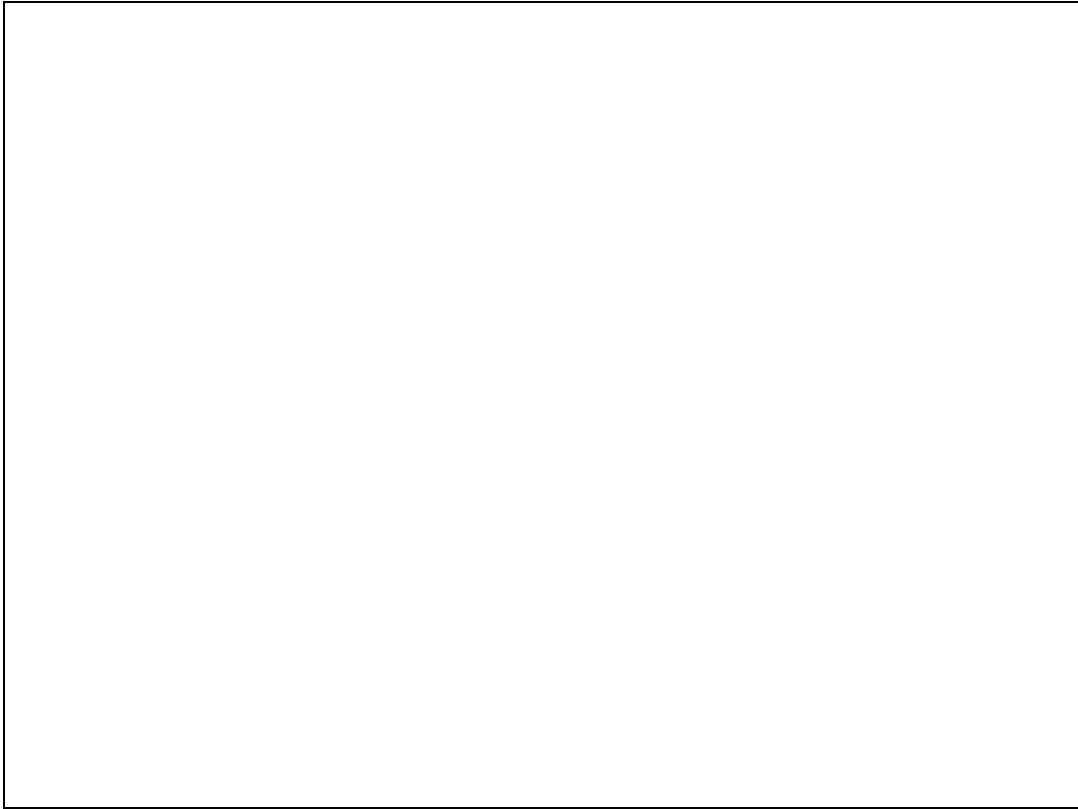


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Slide notes:

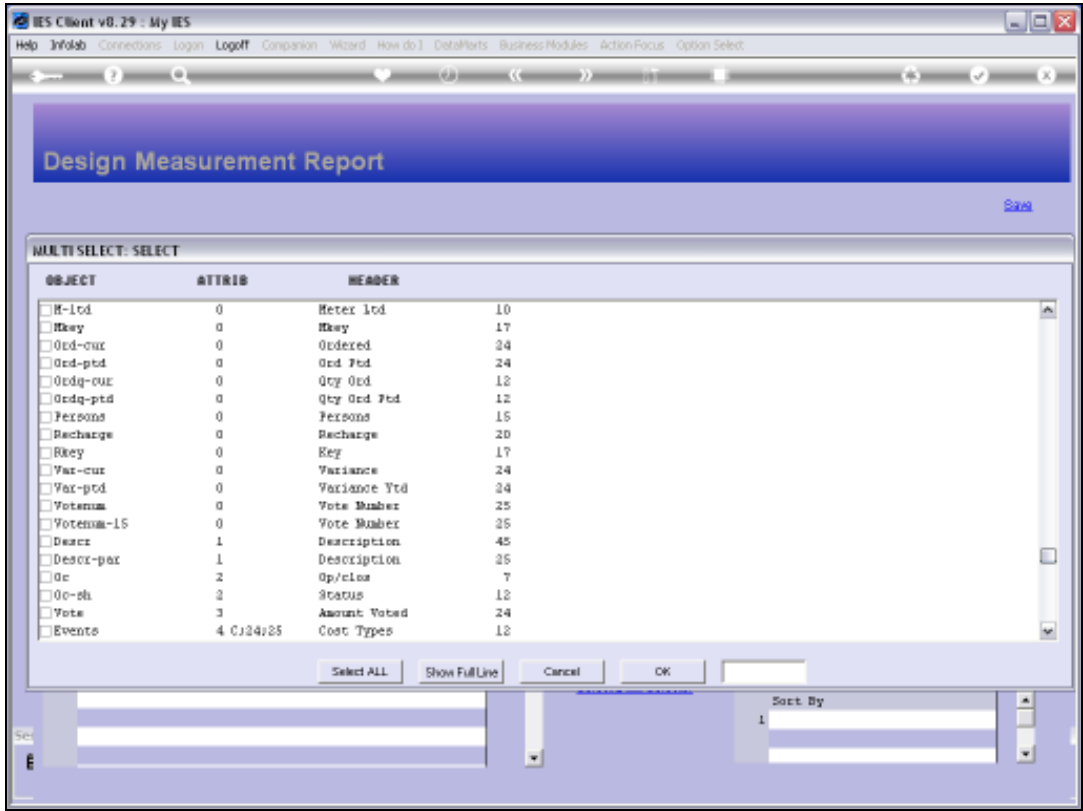


Slide 11  
Slide notes:

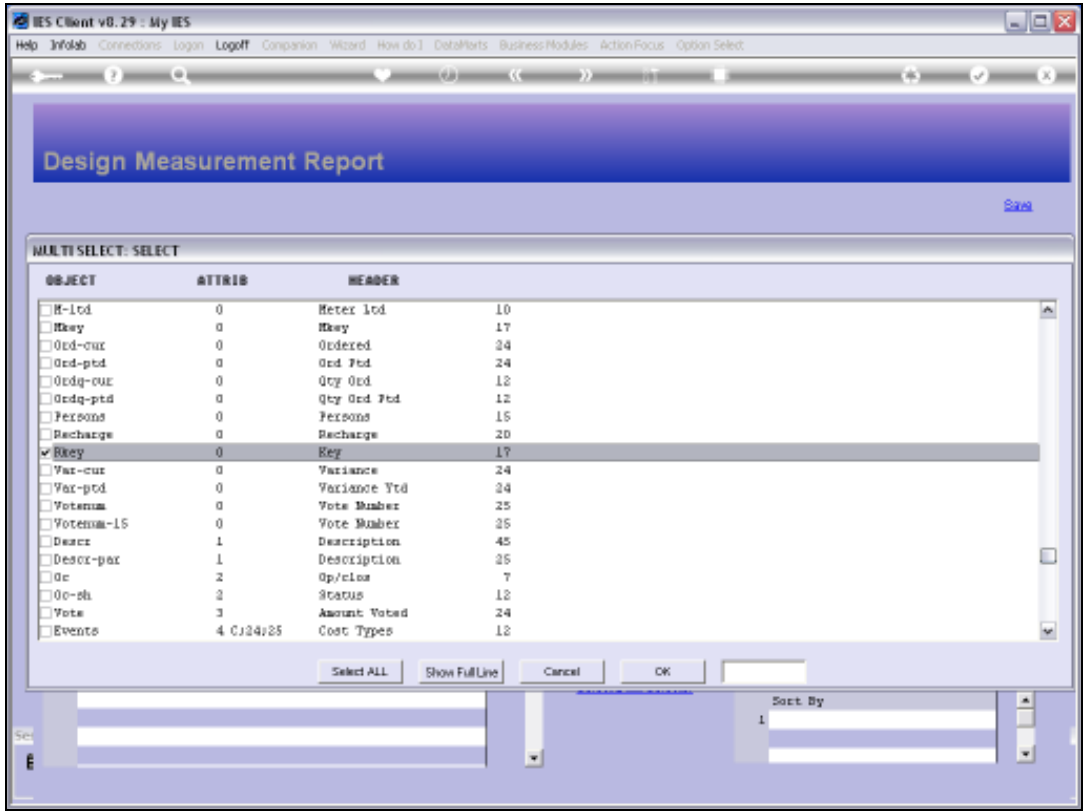


Slide 12

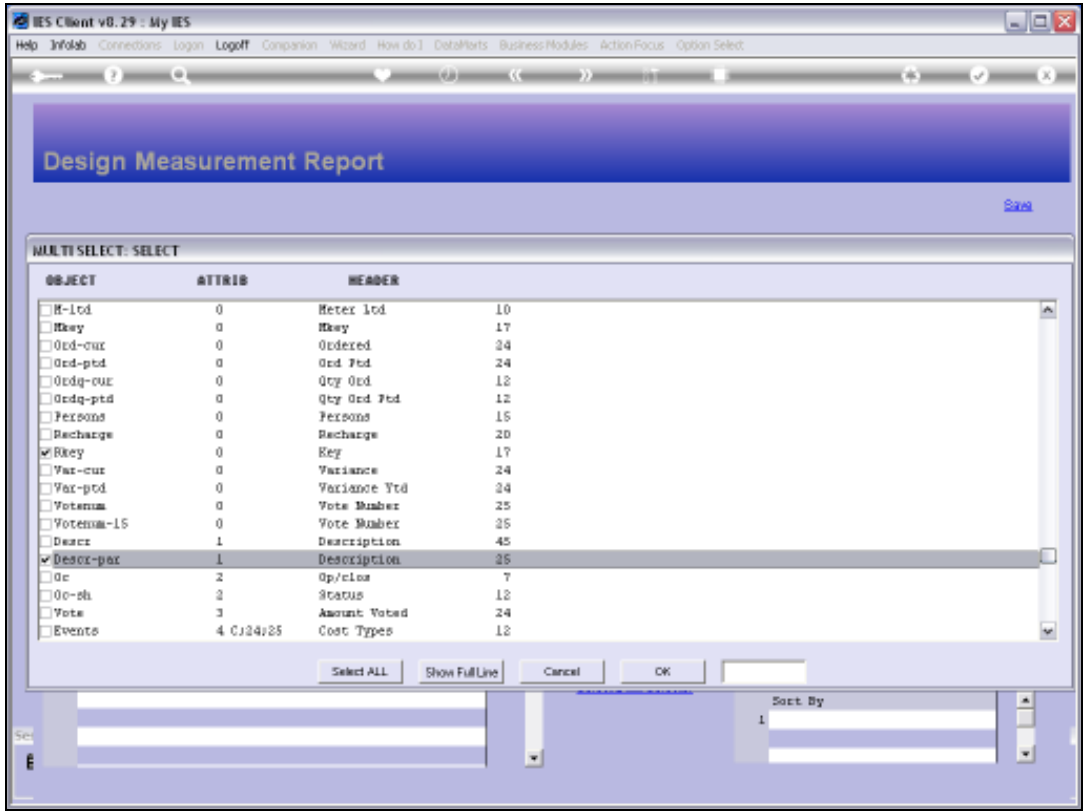
Slide notes:



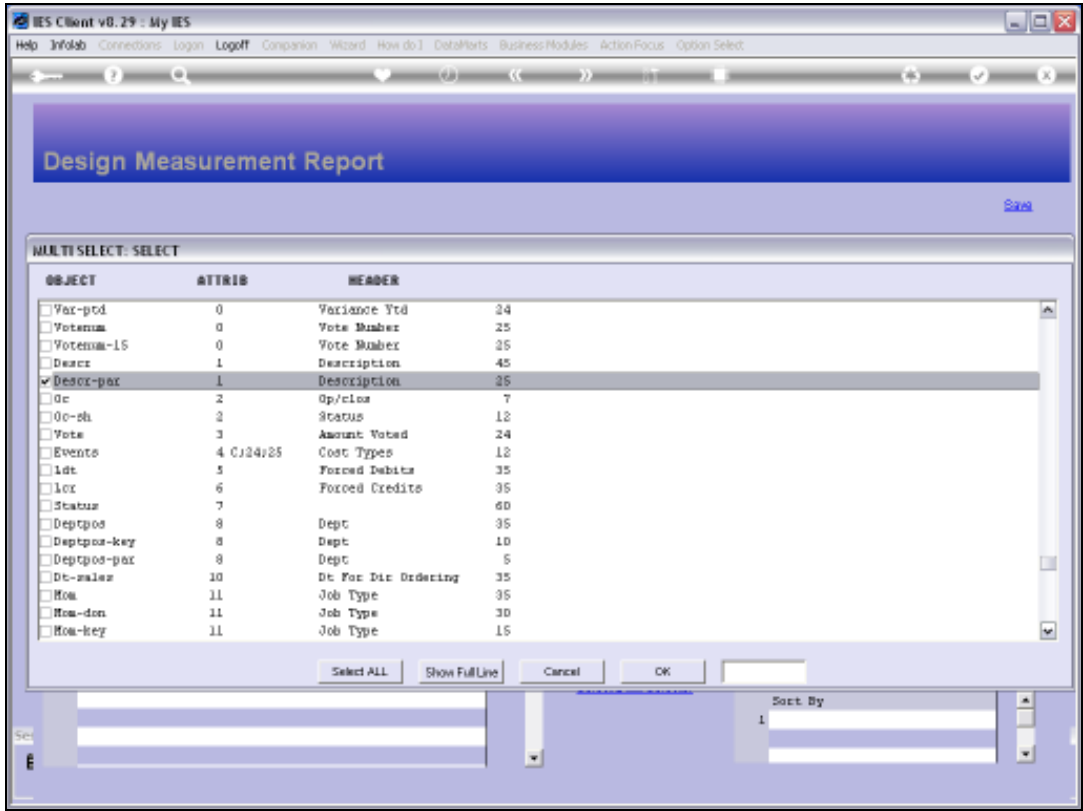
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Slide notes:



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Slide notes:

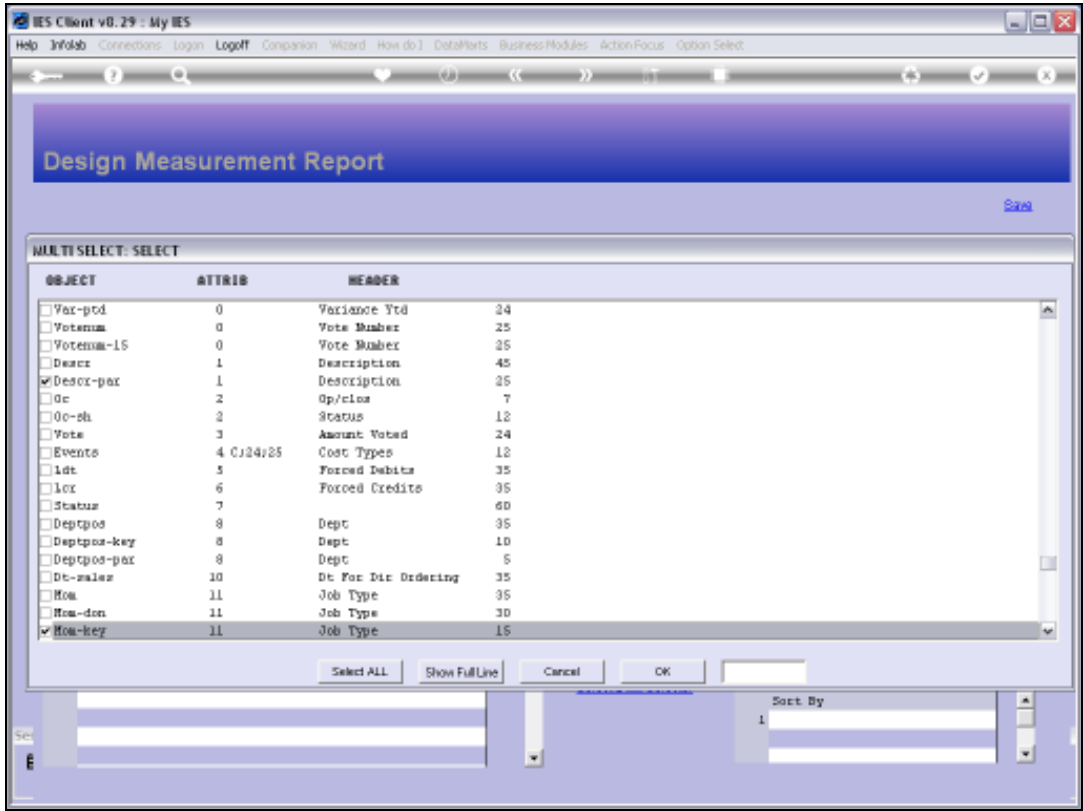


Slide 15  
Slide notes:

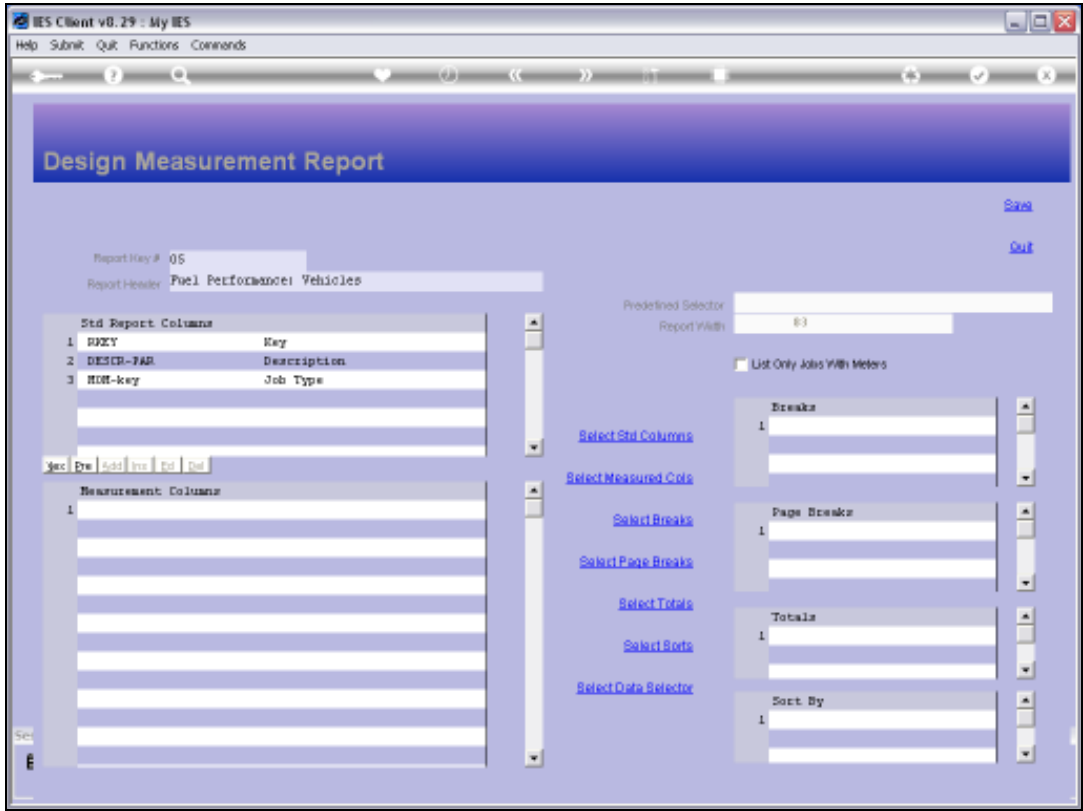


Slide 16  
Slide notes:



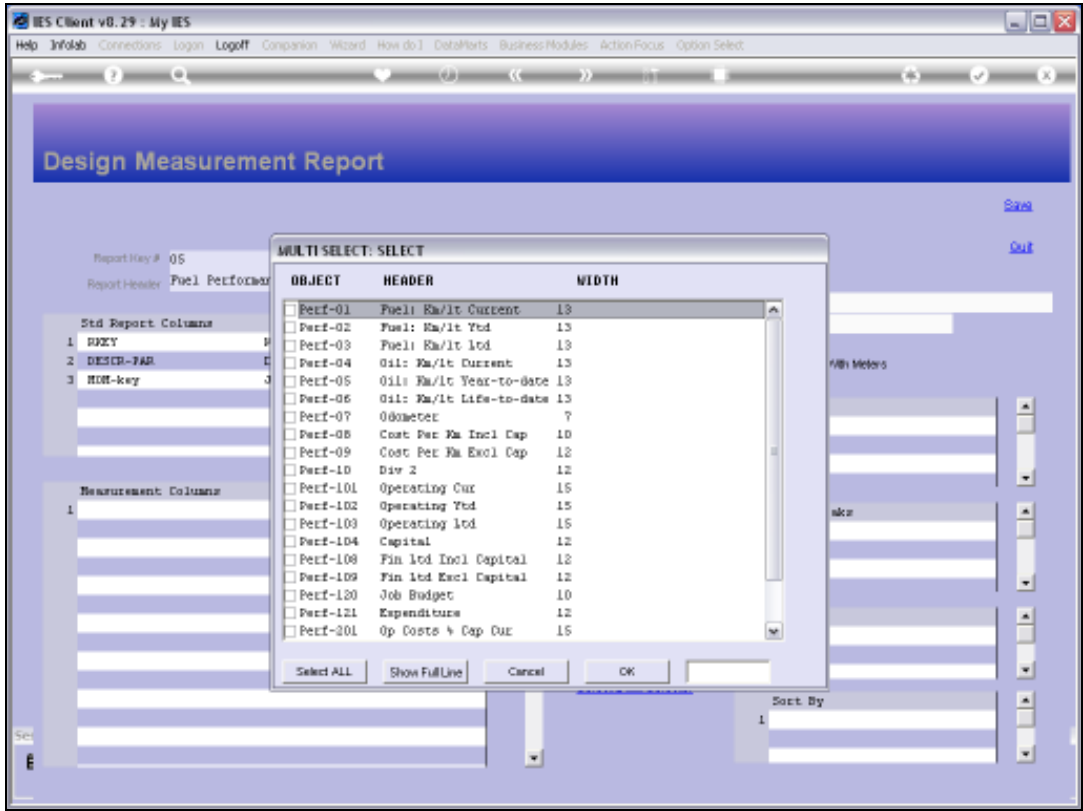


Slide 17  
Slide notes:

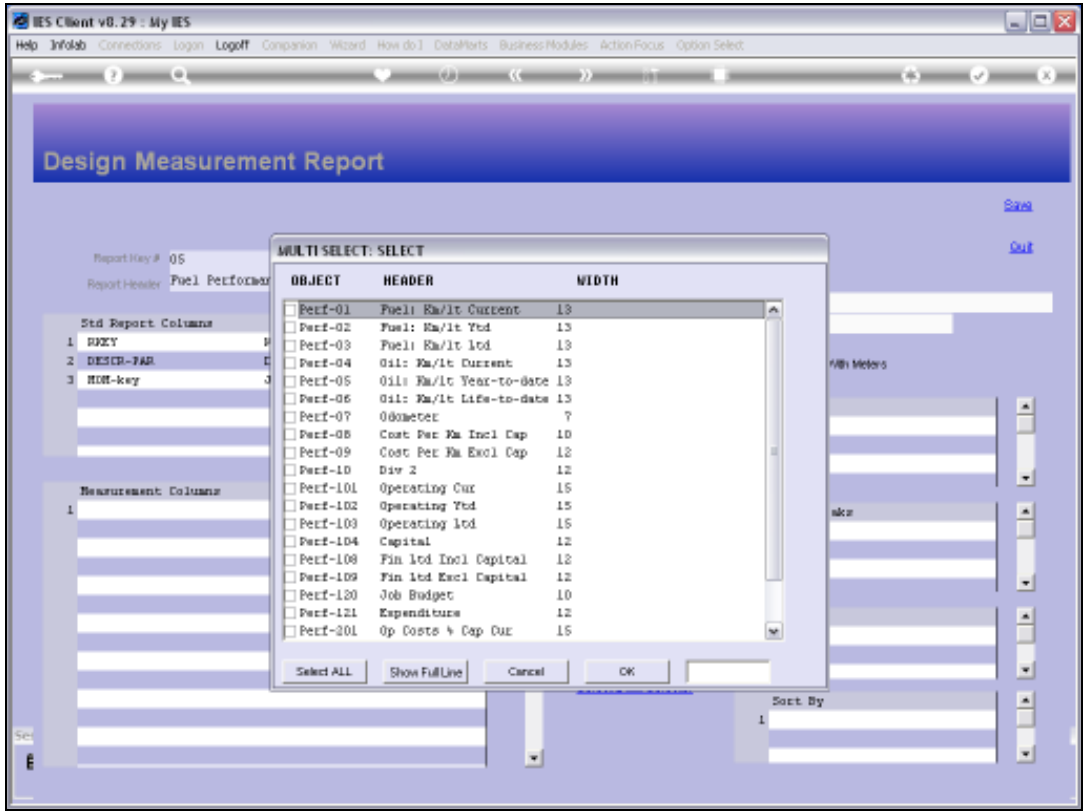


Slide 18

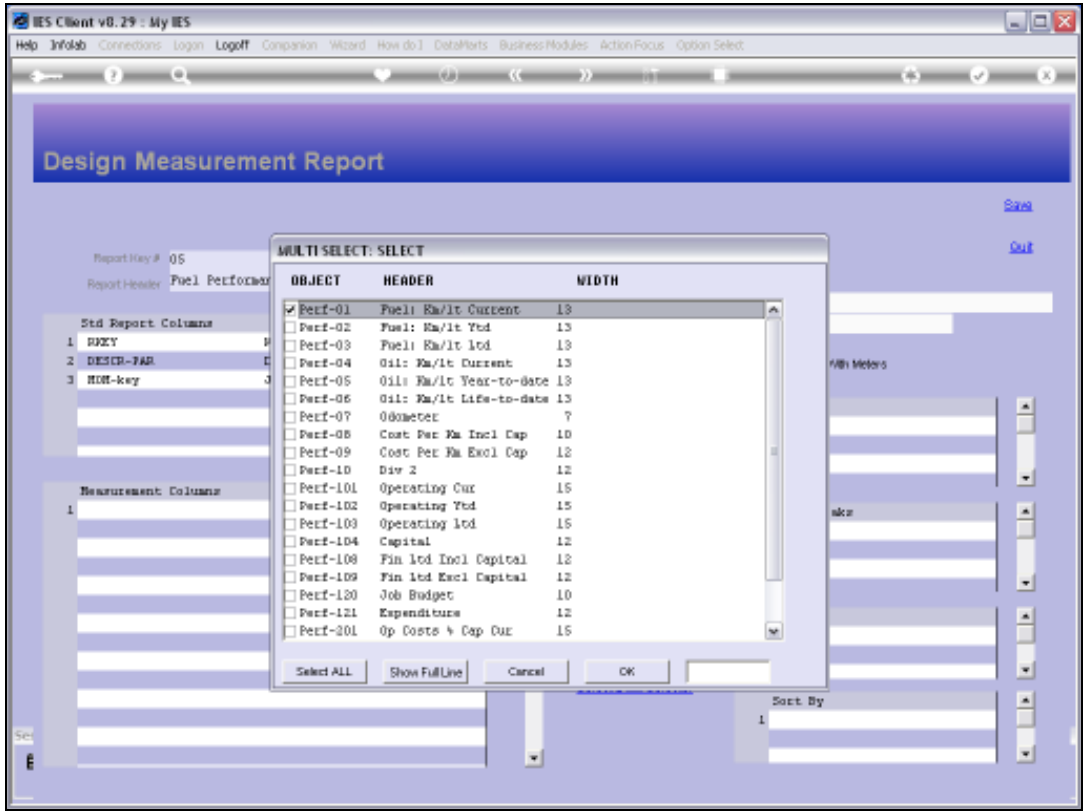
Slide notes: Measurement Columns are selected from the Measurement Types that have been custom defined as additional intelligence for Job Costing Names.



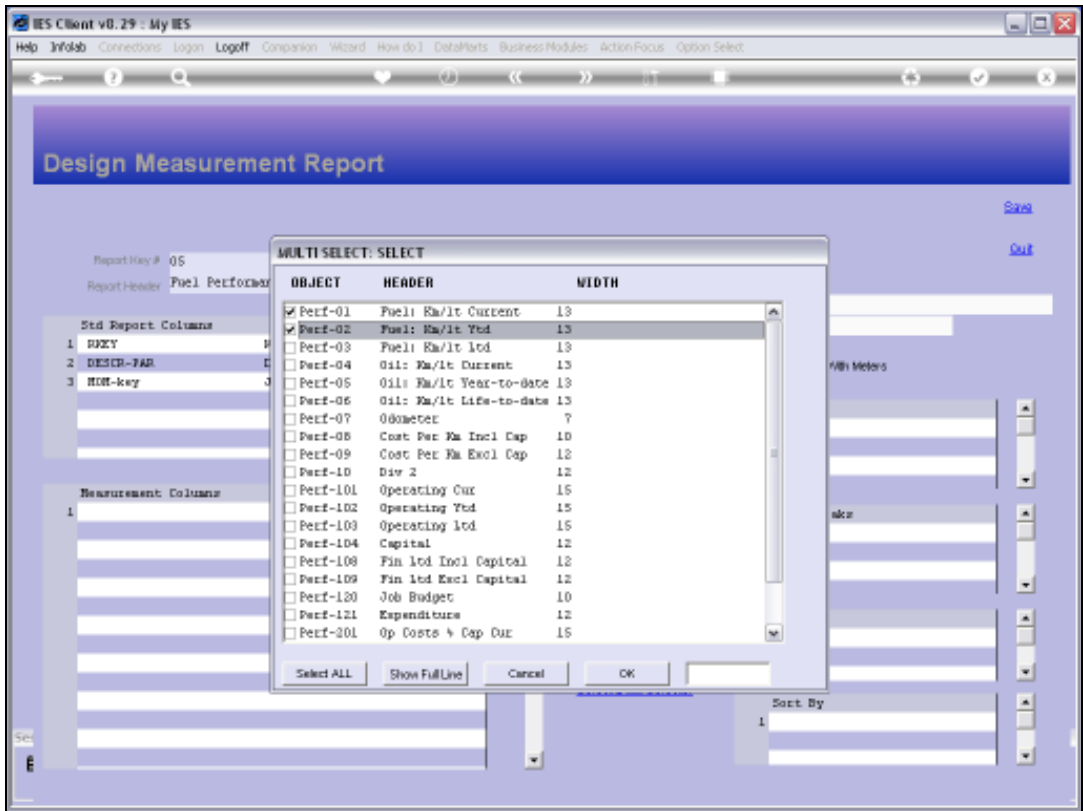
Slide 19  
Slide notes:



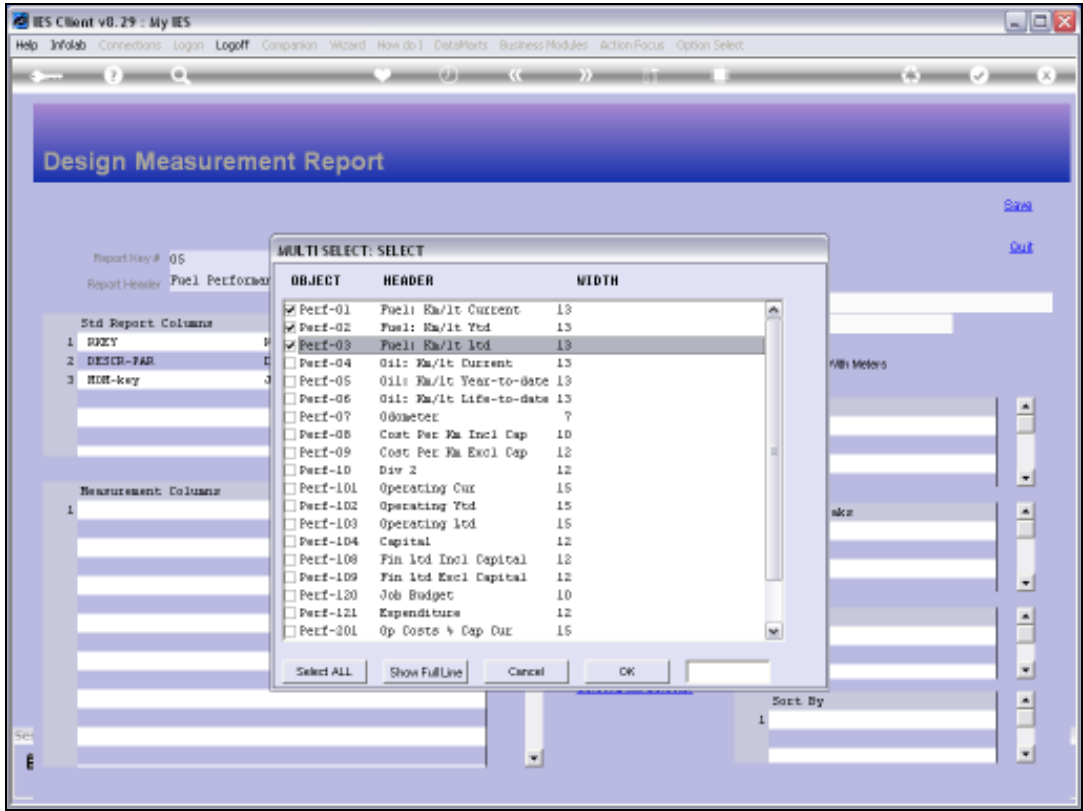
Slide 20  
Slide notes:



Slide 21  
Slide notes:

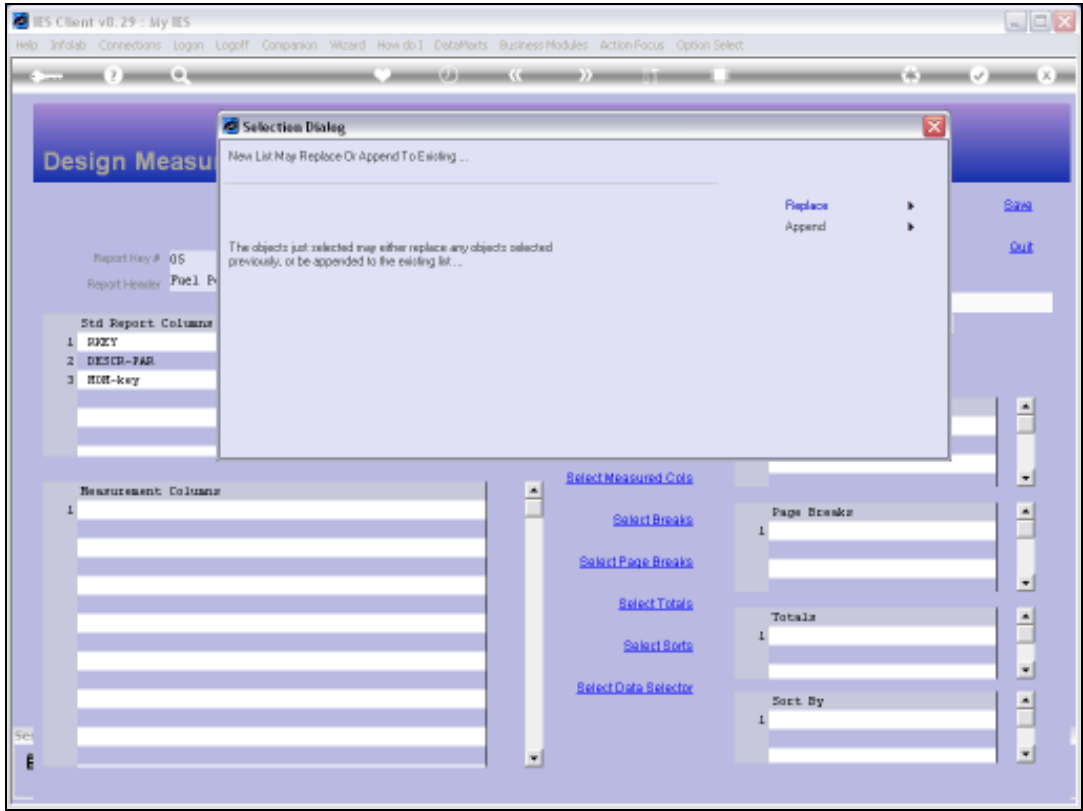


Slide 22  
Slide notes:



Slide 23

Slide notes: Since this is a Fuel Performance Report, we select the appropriate column names that will reveal Current, Year to Date and Life to Date Fuel Performance for the Vehicle Jobs.



Slide 24  
Slide notes:



The screenshot shows the IES Client v8.29 interface with the 'Design Measurement Report' configuration screen. The window title is 'IES Client v8.29 : My IES'. The menu bar includes 'Help', 'Submit', 'Quit', 'Functions', and 'Commands'. The toolbar contains various icons for navigation and actions.

**Design Measurement Report**

Report Key # 05  
Report Header Fuel Performance Vehicles

**Std Report Columns**

	Key	Description	Job Type
1	INDEX		
2	DESCR-PAK		
3	MON-key		

**Measurement Columns**

	Key	Description
1	perf-D1	Fuel: km/lt Current
2	perf-D2	Fuel: km/lt YTD
3	perf-D3	Fuel: km/lt LTD

**Predefined Selector**  
Report Width: 128

☐ List Only Jobs With Meters

**Breaks**

	Key	Description
1		

**Page Breaks**

	Key	Description
1		

**Totals**

	Key	Description
1		

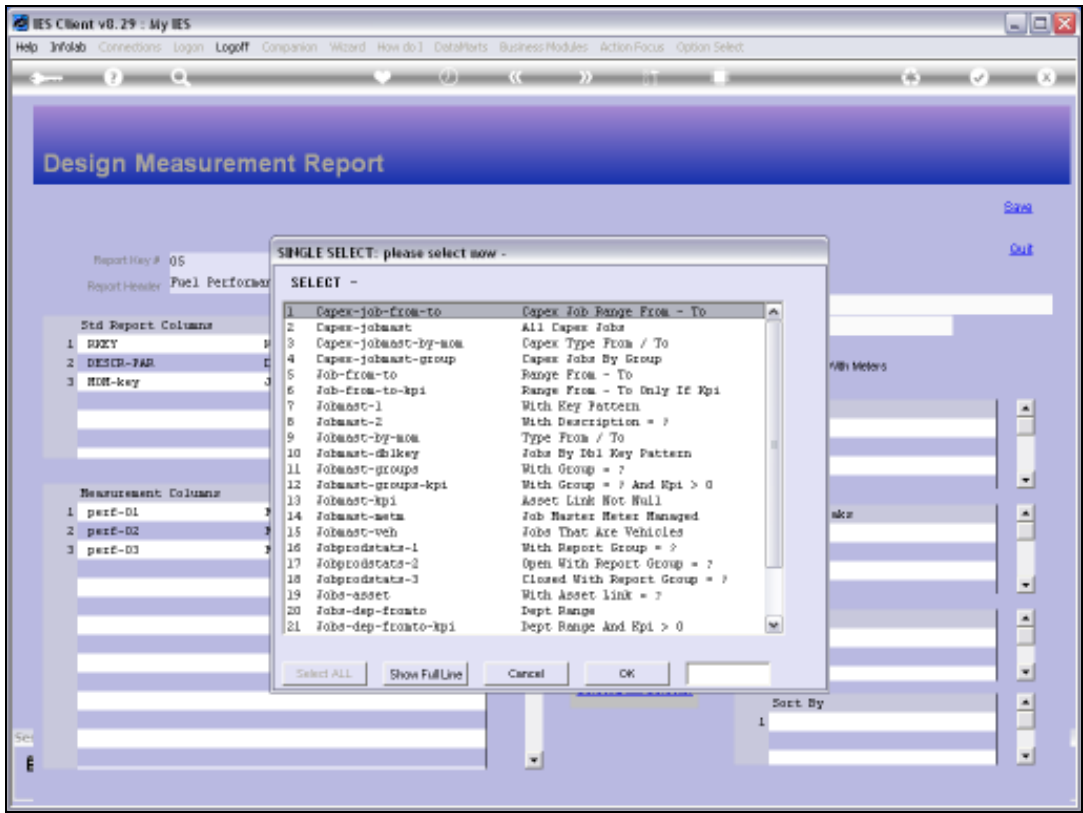
**Sort By**

	Key	Description
1		

[Select Std Columns](#)  
[Select Measured Cols](#)  
[Select Breaks](#)  
[Select Page Breaks](#)  
[Select Totals](#)  
[Select Sorts](#)  
[Select Data Selector](#)

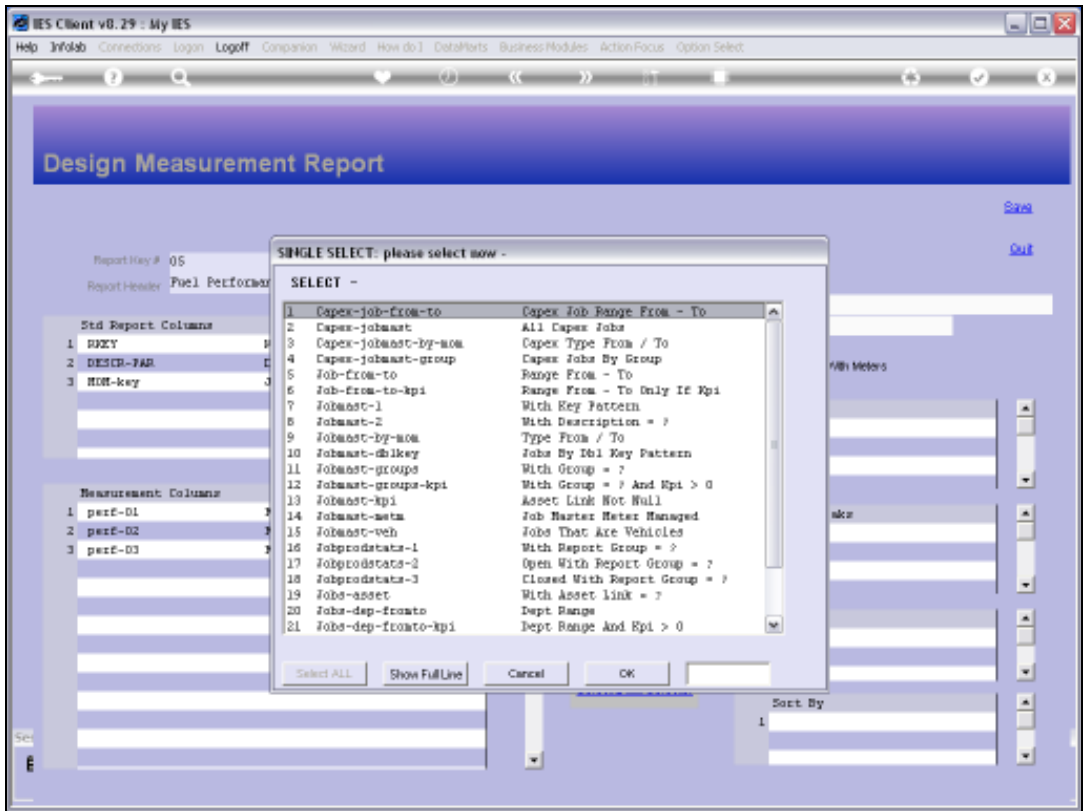
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Slide notes: We can also select Breaks, Totals and Sorts, but none of those are really required for this Report.

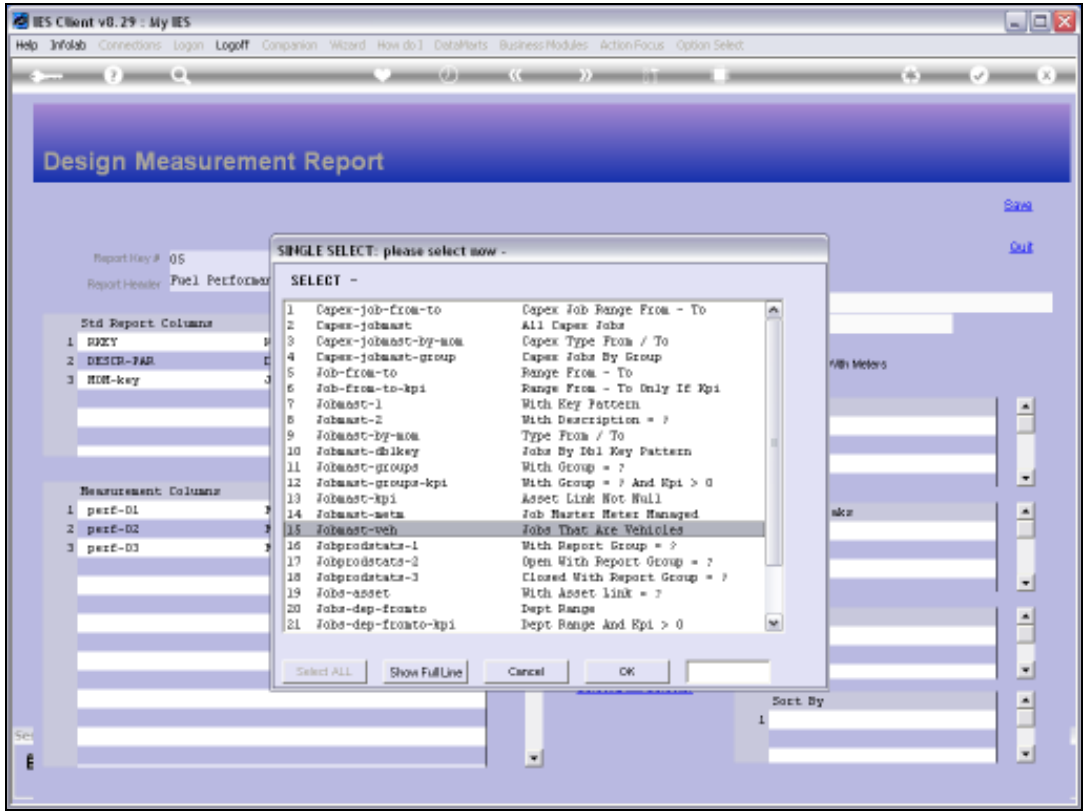


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Slide notes: The Data Selector we will use is the one that will select all the Vehicles from the Jobs portfolio.



Slide 27  
Slide notes:



Slide 28  
Slide notes:

The screenshot shows the 'Design Measurement Report' window in the IES Client v8.29. The interface includes a menu bar (Help, Submit, Quit, Functions, Commands), a toolbar, and a main content area. The report title is 'Design Measurement Report'. Below the title, there are fields for 'Report Key #' (05) and 'Report Header' (Fuel Performance: Vehicles). A 'Predefined Selector' field contains 'jobinst-veh JOBS THAT ARE VEHICLES', and the 'Report Width' is set to '128'. A checkbox labeled 'List Only Jobs With Meters' is present. The 'Std Report Columns' table lists three columns: 'KEY' (1), 'DESCR-PAID' (2), and 'JOB-KEY' (3). The 'Measurement Columns' table lists three columns: 'perf-D1' (1), 'perf-D2' (2), and 'perf-D3' (3). The 'Breaks' table lists one break: '1'. The 'Page Breaks' table lists one page break: '1'. The 'Totals' table lists one total: '1'. The 'Sort By' table lists one sort: '1'. The interface also includes links for 'Select Std Columns', 'Select Measured Cols', 'Select Breaks', 'Select Page Breaks', 'Select Totals', 'Select Sorts', and 'Select Data Selector'.

IES Client v8.29: My IES

Help Submit Quit Functions Commands

## Design Measurement Report

Report Key # 05

Report Header Fuel Performance: Vehicles

Predefined Selector jobinst-veh JOBS THAT ARE VEHICLES

Report Width 128

☐ List Only Jobs With Meters

Std Report Columns	
1	KEY
2	DESCR-PAID
3	JOB-KEY

Select Std Columns

Measurement Columns	
1	perf-D1
2	perf-D2
3	perf-D3

Select Measured Cols

Breaks	
1	

Select Breaks

Page Breaks	
1	

Select Page Breaks

Totals	
1	

Select Totals

Sort By	
1	

Select Sorts

Select Data Selector

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Slide notes: We can also check the 'Meters' option since we are really only interested in Jobs that are Vehicles and have Odometers, for this particular Report.

The screenshot shows the 'Design Measurement Report' configuration window in the IES Client v8.29. The window has a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar. The main area is divided into several sections:

- Report Key #**: 05
- Report Header**: Fuel Performance: Vehicles
- Std Report Columns**: A table with 3 columns: Key, Description, and Job Type.

Key	Description	Job Type
1	DESCR-PAF	
2	DESCR-PAF	
3	DESCR-PAF	
- Measurement Columns**: A table with 3 columns: Key, Description, and Job Type.

Key	Description	Job Type
1	perf-D1	Fuel: km/lt Current
2	perf-D2	Fuel: km/lt YTD
3	perf-D3	Fuel: km/lt LTD
- Predefined Selector**: jobinst-veh JOBS THAT ARE VEHICLES
- Report Width**: 128
- List Only Jobs With Meters**: ☒
- Select Std Columns**: [Select Std Columns](#)
- Select Measured Cols**: [Select Measured Cols](#)
- Select Breaks**: [Select Breaks](#)
- Select Page Breaks**: [Select Page Breaks](#)
- Select Totals**: [Select Totals](#)
- Select Sorts**: [Select Sorts](#)
- Select Data Selector**: [Select Data Selector](#)
- Breaks**: 1
- Page Breaks**: 1
- Totals**: 1
- Sort By**: 1

Slide 30

Slide notes: Now we have a valid Report Definition and we can use SAVE to establish it.

The screenshot shows the 'Design Measurement Report' configuration window in the IES Client v8.29. The window has a menu bar with 'Help', 'Submit', 'Quit', 'Functions', and 'Comments'. Below the menu bar is a toolbar with various icons. The main area is titled 'Design Measurement Report' and contains several configuration sections:

- Report Key #**: A text input field.
- Report Header**: A text input field.
- Std Report Columns**: A list box with '1' selected.
- Measurement Columns**: A list box with '1' selected.
- Predefined Selector**: A text input field.
- Report Width**: A text input field.
- List Only Jobs With Meters**: A checkbox.
- Breaks**: A list box with '1' selected.
- Page Breaks**: A list box with '1' selected.
- Totals**: A list box with '1' selected.
- Sort By**: A list box with '1' selected.

There are several blue links in the center of the window: [Select Std Columns](#), [Select Measured Cols](#), [Select Breaks](#), [Select Page Breaks](#), [Select Totals](#), [Select Sorts](#), and [Select Data Selector](#). The window also has a 'Save' button in the top right corner and a 'Quit' button in the bottom right corner.

Slide 31

Slide notes: That is an example of how we define a Job Costing Performance Report.