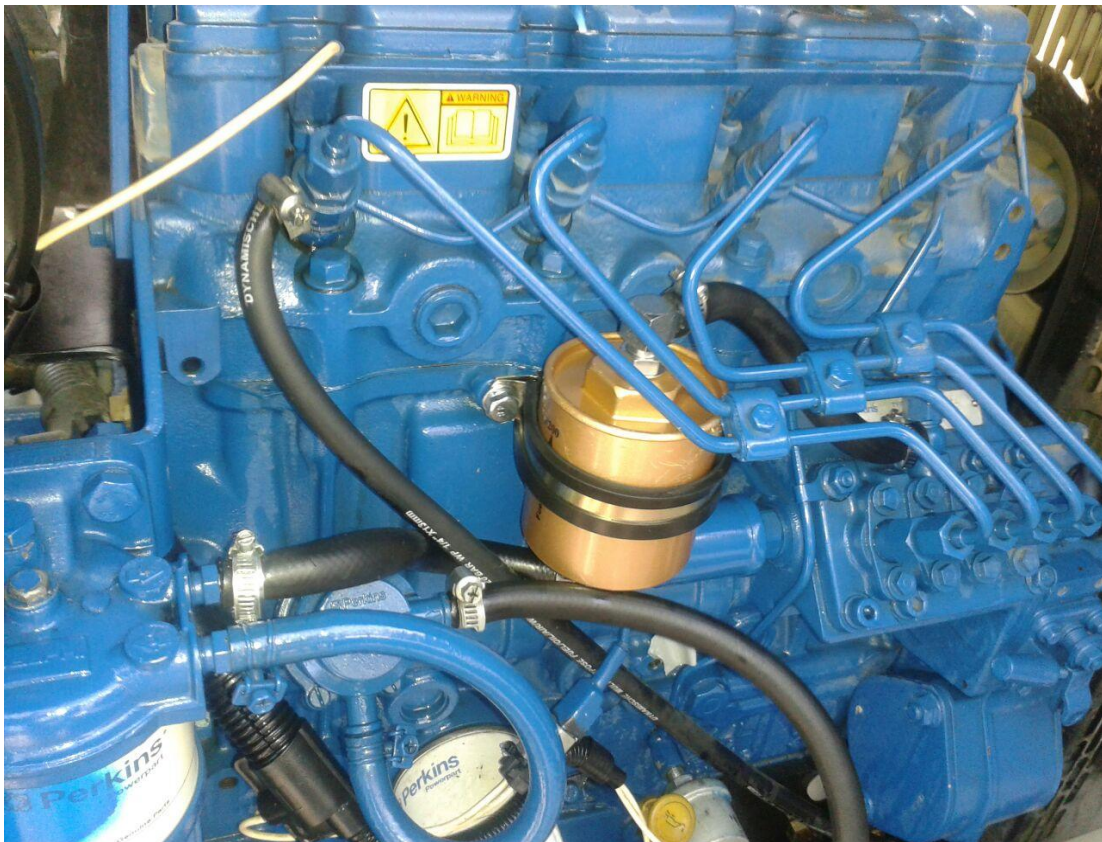




**DIESEL POWER GENERATION FUEL CONSUMPTION AT ECONET WIRELESS  
BASE STATIONS**



## RESULTS

### SITE 1: HRE0150

DATE	FUEL IN TANK (l)	RUNNING HOURS (Hrs)	
26/01/15	2 000	9 119.8	
10/02/15	1 178	9 473.5	
<b>10/02/15</b>	<b>Topped up 822 litres to 2000 l</b>		
17/02/15	1 495	9 641.3	
24/02/15	1 252	9 810.2	
03/03/15	849	9 977.1	
10/03/15	574	10 144.0	
17/03/15	100	10 316.3	

Total fuel consumption: [2 822 – 100 = 2 722 l]

Total running hours: [10 316.3 – 9119.8 = 1 196.5 l]

Average hourly fuel consumption before installing Fitch Fuel Catalyst: 2.73

Average hourly fuel consumption after installing Fitch Fuel Catalyst: [2722/1196.5 = 2. 274]

Fuel Saved: [2.73 – 2.27 = 0.46 l/hr]

**Fuel Saved as a percentage = 16.67%**

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### SITE 2: HRE0148

DATE	FUEL IN TANK (l)	RUNNING HOURS (Hrs)	
26/01/15	2 000	5 353.2	
10/02/15	1 232	5 692.0	
<b>10/02/15</b>	<b>Topped up 768 litres to 2000 l</b>		
17/02/15	1 616	5 857.5	
24/02/15	1 100	6 027.6	
03/03/15	848	6 193.6	
10/03/15	488	6 353.6	
17/03/15	33	6 507.4	

Total fuel consumption: [2 768 – 33 = 2 735 l]

Total running hours: [6 507.4 – 5 353.2 = 1 154.2 l]

Average hourly fuel consumption before installing Fitch Fuel Catalyst: 2.70

Average hourly fuel consumption after installing Fitch Fuel Catalyst: [2735/1154.2 = 2. 37]

Fuel Saved: [2.70 – 2.37 = 0.33 l/hr]

**Fuel Saved as a percentage = 12.24%**