



Cummins India Limited

Power Generation Business Unit

35 A/1/2, Erandawana, Pune 411 038.

Tel : (91-20) 402 7525, 2543 1234 Fax : (91-20) 402 8090

Web Site : www.cumminsindia.com

Regd. Office : Kothrud, Pune 411 038 (INDIA)

Soln/PCBU/04/11
23rd Nov 2004.

**Elspec Ltd
P.O.Box 3019
4 Shoham St
Caesarea Industrial Park
Israel 38900**

Kind Attn: Mr Ephraim Kadec, Vice President

Sub: Unbalanced Real Time Power Factor Correction Solution to Honda Siel

Dear Sir,

Honda Siel Cars India Pvt Ltd are one of our esteemed customers using our 5 x 1250 kVA Cummins DG sets. They are also having Utility power supply. They have about 100 plus, 2 ph Spot Welding Machines and are generally powered by Utility Power Supply. During power interruptions from Utility Supply, they could not run the welding machines on DG sets.

Whenever they run Welding machines on DG sets, they experienced wild voltage fluctuations and eventually DG sets (they usually run in parallel), used to trip resulting in total plant power black out.

After taking site measurements, installation of Elspec System as per following specifications was recommended and successfully installed.

Model no: EQ1830/11-2-415.50-p14-31U.

Specification: *Unbalanced Real Time Complete Equilizer system*, 3 x 600 kVA_r, 415V/50Hz, 1:2:2 Structure including 14% reactor, measurement level 3 and communication card

After installation of the above system, Honda Siel Cars India Pvt are in a position to power their welding machines with the help of our DG sets satisfactorily.

Thanking you,

Yours truly,
For Cummins India Ltd,

S. Ravichandran.
General Manager (Power Consulting).