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***Application note A51 Z0 9 0101 E-En***

## ***Load shedding***

CRE technology believes that all information provided herein is correct and reliable and reserves the right to update at any time. CRE Technology does not assume any responsibility for its use unless otherwise expressly undertaken.

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## History:

- Version A: initial document for Industrial Unigen
- Version D: modification of the wiring for the Unigen Plus and Industrial Unigen.

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## Introduction

This application note will describe the wiring of the load shedding of Unigen and the useful variable.

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## Variable

Main variable involved in the load shedding:

Variable number	Label	Description	Default value
V02213	Unload request	Ask someone to stop.	
V12172	Min kW	Protection involved in unload request	
V11245	Threshold min kW		20.0%
V11246	Min kW timer	Delay for min kW protection.	120.0s
V02214	Load request	Ask someone to start.	
V12176	Max kW	Protection involved in load request	
V11247	Threshold max kW		70.0%
V11248	Max kW timer	Delay for max kW protection.	10.0s
V10042	Set Unavailable	Ask for help, or inhibit the start if slave.	
V10043	Slave Input	Designate the slave Unigen.	
V02000	Start on load request	Output influenced by the load shedding	
V10025	Power measure	Percentage of power of the Unigen. Protections are calculated regarding this measure.	

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## Wiring of the load shedding

