

Technical Reference

Capstone Remote Monitoring System (Maintenance Edition)

This document (plus the User Edition), presents the additional capability to monitor, control, and troubleshoot the MicroTurbine via the Capstone Remote Monitoring System (CRMS) software

Chapter 9: PM Downloading

This chapter presents PM Downloading information. The CRMS software is able to download PM files selected from the PM Read panel.

PM Read Panel

To open the PM Read Panel, select **[Settings] [PM Read]** from the Windows Menu bar, or click on the PM Read icon from the Windows Menu Toolbar. See Figure 9-1.

The program will automatically read all of the devices selected from the detected devices of the PM Read Panel.

PM Downloading Procedures

To download PM Devices, perform the following steps:

1. Establish successful communications with the MicroTurbine.
2. Select the MicroTurbine unit. Click on **Select MicroTurbine** pull-down menu on PM Read Panel. Select the MicroTurbine from the viewable list.
3. Click on the **Browse** button and specify the PM directory location where the PM files (or PM Program disc) reside. PM files installed during CRMS installation can be found in the PM subdirectory of the installation directory.

Note: Notice that in the case of selecting PM files from a network directory, the network directory should be mapped to a network drive.

4. Identify the existing PM devices. Click on **Get PM PNs** button. The program will read and verify the part number of all existing MicroTurbine PM devices. The device part number, along with the device batch file and device description, will be displayed in the appropriate PM Read panel fields.
5. Select the PM device that you wish to download by clicking on the appropriate **PMs to Read** command button. As a **PM** device is selected, the **OFF** button located next to the number of the **PMs to Read** button will become an **ON** button.
6. Select the **Read PMs** button to begin the PM downloading process. The PM data downloading should now begin.
7. Monitor the progress from the **Read Status** display bar.
Note: The PM downloading time will vary depending upon number of selected hardware devices and the communication baud rate. The PM downloading process could take up to six minutes.
8. When the downloading is complete, the **Read Status** display bar will indicate **Operation Complete**, and the PM data text file will appear on the screen.



Figure 9-1. PM Read Panel