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Mauna Loa Solar Observatory Observer's Log

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Sun Apr 07 16:59:32 GMT 2024

Year: 24 Doy: 98

Observer: berkey, lisapg

Eclipse prep work

659am Arrived on site. Ben hooked up the coms link for the inverter to the battery bank . Generator didn't start up again. Hooked up a locally bought battery starter.

703am Generator started; generator faded out 704am.

708am Generator restarted; faded out again 710am

712 am generator started and faded out immediately disconnected from the building.

720am Lisa taking chemical inventory

802am Ben taking battery down to heli pad

810am chemical inventory done. Just need to get the pictures out of the new stuff and check against what we had in the document.

813am Ben currently checking NOAA buildings for engine oil for the generator

821am epc arriving on site

830am engine oil found and used, Oil leak found at one of the tubing in the generator, generator restarted but failed to kick. Leak possible due to generator not level

840 leveled generator as best can, but need to watch it when on as vibration may cause it to shift.

915am waiting for bought battery starter to charge before attempting to start generator

931 trying other starters

935 swapped out battery for ladder lift battery and generator started. Seems to be holding at present

939am heaters have been switched on

944 am ucomp computer and monitors on

946 everything such off. Holding off everything else and waiting for the green from epc

1012 heading upstairs while they trouble shot batteries/generator/inverter

1016 generator off

1029 generator restarted

1130am done taking pictures in the dome for now

1154am did a swap of power from generator to batteries to see if they swapped. Flickering of lights and we lost power to the computers briefly as well but seems like it swapped over?

1209pm Was at 81% now at 80%. Waiting for ucomp to shut down to swap back. Kcor up to temp (33.2)

1237 swap back to generator (?)

136pm powered everything down and getting ready to leave