



- NOTES:**
- THE HATCHED AREA ON THE DRAWING SHALL BE SUPPLIED AND INSTALLED BY A NOMINATED UTS CONTRACTOR. THE FOLLOWING SPECIALIST CONTRACTORS HAVE BEEN NOMINATED BY UTS AS THE PREFERRED CONTRACTOR TO SUPPLY AND INSTALL THE FOLLOWING EQUIPMENT:
 - PV CELLS AND MONITORING SYSTEM: SUPPLIED AND INSTALLED BY SOLGEN ENERGY (1300 660 704).
 - SOLAR THROUGH: NEPSOLAR (+02 9998 4700), ORC TURBINE AND ASSOCIATED EQUIPMENT.
 - WIND TURBINE: WEPPOWER USA.
 - FUEL CELLS: HORIZON FUEL CELL.
 - BATTERIES AND POWER & ENERGY CENTRE: ZEST ENERGY PTY LTD (0409 263 804).
 - ALL SPECIALIST CONTRACTORS ARE TO PROVIDE CABLES TO THE POWER ENERGY CONTROL UNIT WITH SUFFICIENT TAIL ENDS (ALLOW FOR 3M TO THE PEC UNIT) FOR TERMINATION.
 - THE ELECTRICAL CONTRACTOR SHALL TERMINATE THE CABLES INTO THE PEC. SIMILARLY CABLING FROM THE PEC UNIT TO THE EIF OUTPUT BOARD WILL BE BY THE ELECTRICAL CONTRACTOR.
 - THE ELECTRICAL CONTRACTOR AND THE PEC CONTRACTOR SHALL LIAISE TO BOTH BE PRESENT AND INSPECT DURING TERMINATION TO CONFIRM THAT IT IS BEING INSTALLED ACCORDING TO THE MANUFACTURERS REQUIREMENTS. THIS IS TO BE INCLUDED AS PART OF THE TENDER PRICING.
 - THE PEC CONTRACTOR SHALL INSPECT AND CONFIRM ALL CONNECTIONS TO AND FROM THEIR UNIT AND CONFIRM THAT IT HAS BEEN INSTALLED CORRECTLY AND TO THEIR REQUIREMENTS, AND PROVIDE SIGN OFF FOR THE CONNECTION.
 - ALL EMS AND BMS CONNECTIONS FROM ALL THESE BOARDS AND EQUIPMENT WILL STILL BE WITHIN THE SCOPE OF WORKS OF THIS ELECTRICAL CONTRACTOR. THIS ELECTRICAL CONTRACTOR IS TO LIAISE WITH THE VARIOUS CONTRACTORS WITH REGARD TO CONNECTIONS.
 - ALL GPOs THAT ARE SUPPLIED VIA THE EIF EQUIPMENT IS TO BE LABELED ACCORDINGLY. ALL OUTLETS ARE TO BE OF A COLOR NOMINATED BY THE ARCHITECT AND APPROVED BY UTS.
 - PROVIDE TIGO ENERGY MODULE FOR ENERGY MONITORING TO EACH PV PANEL TO THE BMS.
 - ALL EIF SWITCHBOARDS TO BE GREY IN COLOUR.

No.	Date	Dwn	Chk	App	Revision or reason for issue
1	30.03.12				CONSTRUCTION ISSUE
2	19.04.13				REVISED CONSTRUCTION ISSUE

Scale / North Point

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Drawing Title
**ELECTRICAL EIF
 SINGLE LINE DIAGRAM**

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