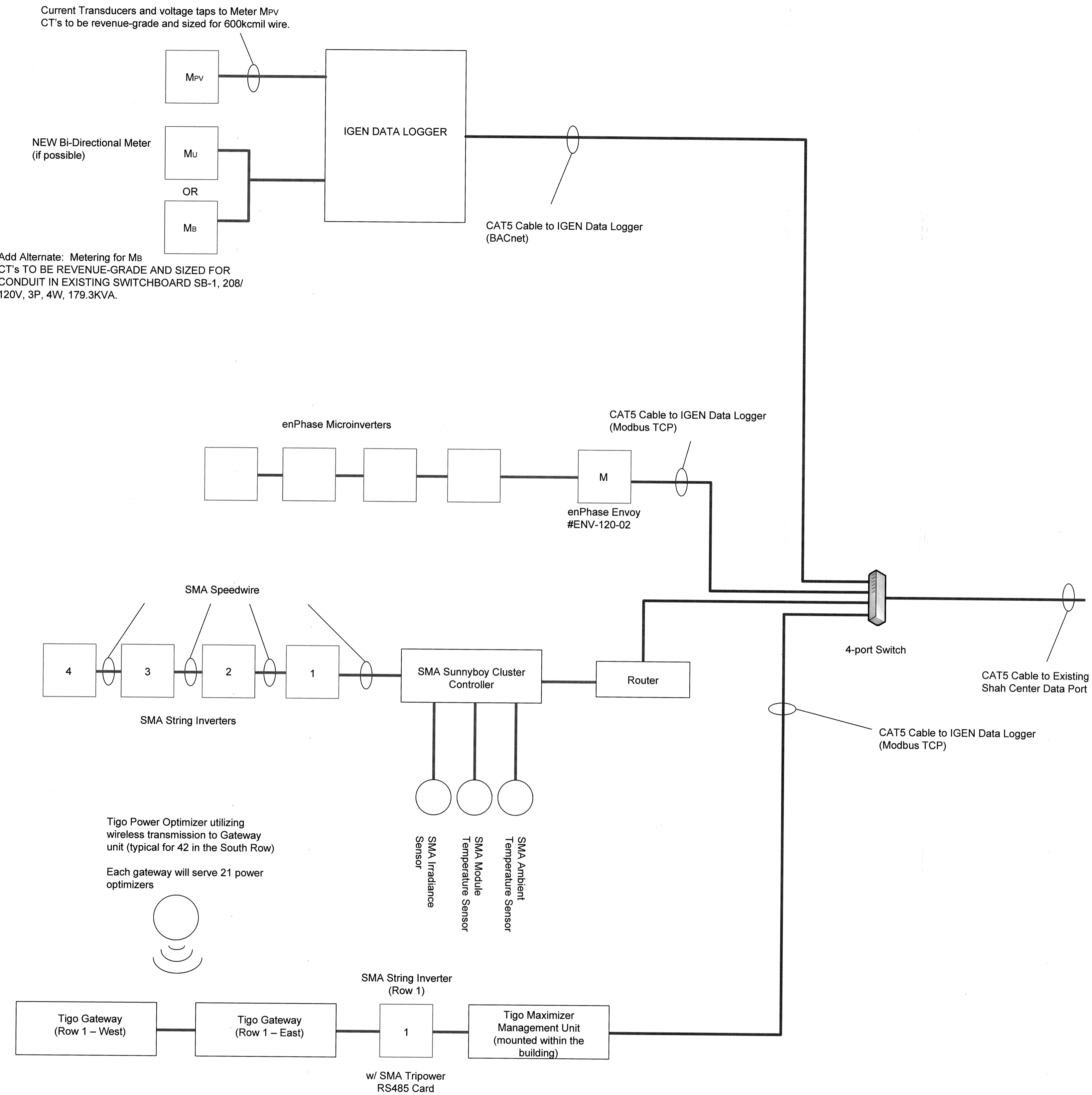


REVENUE-GRADE PV POWER METER, M_{PV}, SHARP 200 WITH METER SOCKET RECEIVING DATA FROM SOLID CORE CURRENT TRANSDUCERS & VOLTAGE TAPS FOR EACH PHASE

ADD ALTERNATE: REVENUE-GRADE BUILDING POWER METER, M_B, SHARP 200 WITH METER SOCKET RECEIVING DATA FROM SPLIT-CORE CURRENT TRANSDUCERS & VOLTAGE TAPS FOR EACH PHASE. THIS METERING WILL BE DONE IF IT IS NOT POSSIBLE TO COMMUNICATE WITH THE NEW UTILITY BI-DIRECTIONAL METER, M_U.

INSTALL THE IGEN DATA-LOGGER TO BE PROVIDED BY IGEN.

NEW 4-PORT SWITCH WILL RECEIVE INPUT FROM IGEN DATA LOGGER, SMA CLUSTER CONTROLLER AND TIGO MAXIMIZER AND ALLOW SIMULTANEOUS DATA TRANSFER TO SHAH CENTER DATA PORT. COORDINATE WITH IGEN AND OWNER TO COMMISSION AND ENSURE FULL FUNCTIONALITY OF DATA TRANSMISSIONS.



PROVIDE POWER SOURCE AS NECESSARY TO ALL EQUIPMENT INCLUDING NEW METERS, GATEWAYS, ENVIRONMENTAL SENSORS, LOGGERS

DO NOT USE WALL PLUG OUTLETS

PROVIDE POWER AS NECESSARY (AC/DC) TO DEVICES SUCH AS THE SHARP 200 METERS

ANY RS485 CABLE PASSING BETWEEN THE ARRAY ROWS WILL BE IN CONDUIT. RS485 CABLE WITHIN A ROW CAN BE ROUTED EXPOSED, BUT MUST BE UV AND WET RATED



DATE	REVISION
05/14/14	PERMIT & BIDDING