

AIR CONDITIONING

LIGHTING

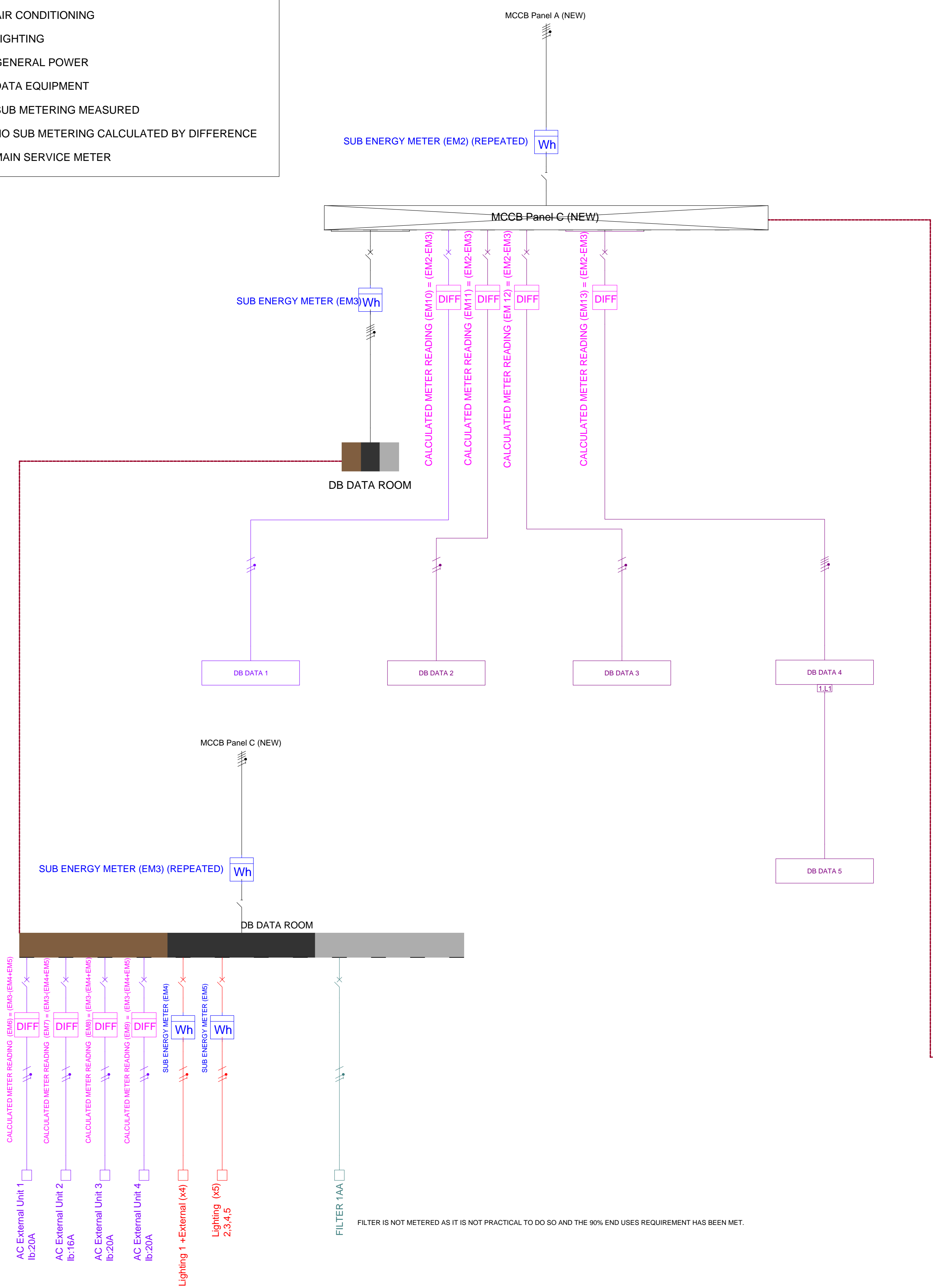
GENERAL POWER

DATA EQUIPMENT

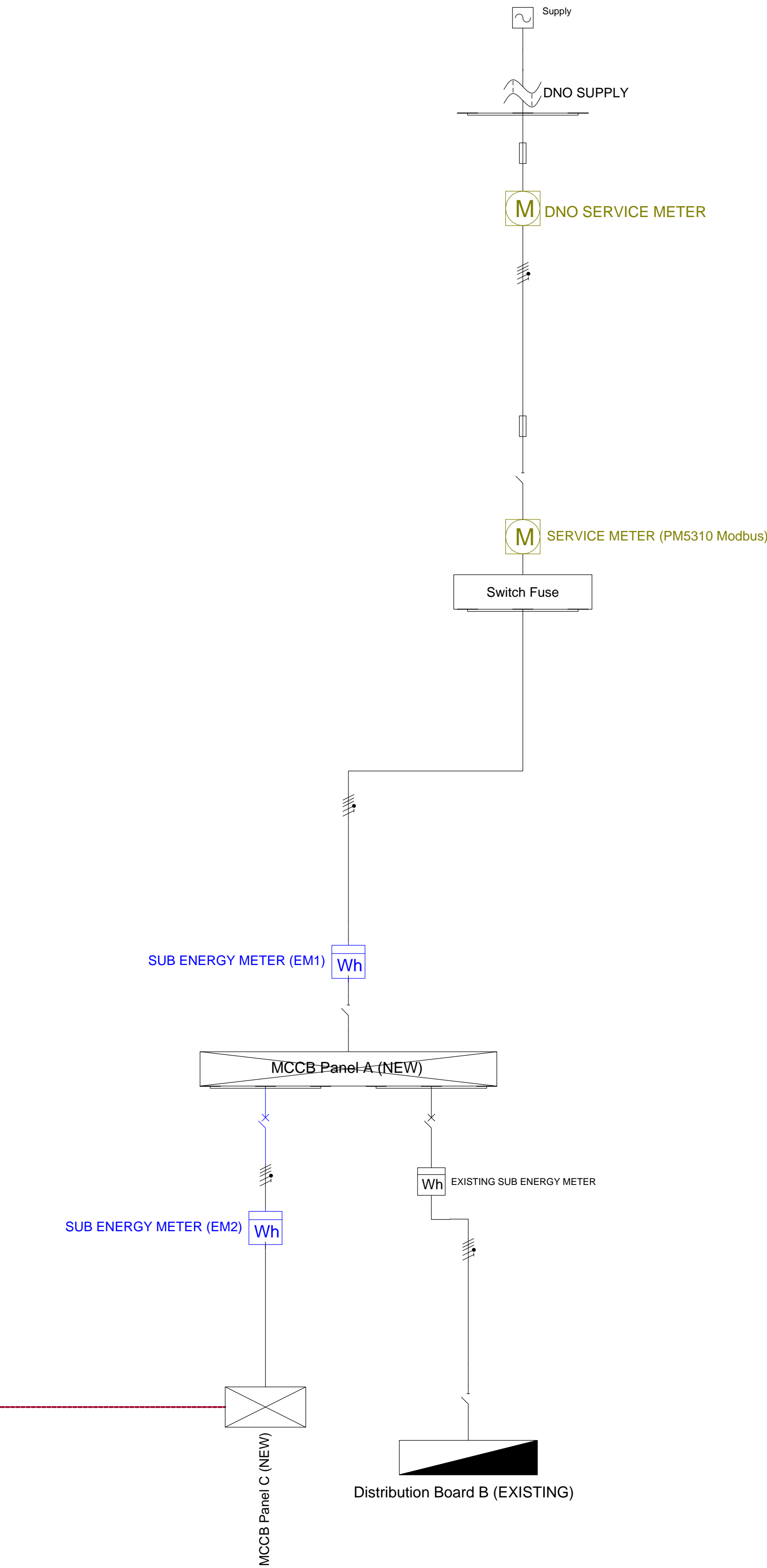
SUB METERING MEASURED

NO SUB METERING CALCULATED BY DIFFERENCE

MAIN SERVICE METER



- GENERAL NOTES:
- 1.THIS STRATEGY PROVIDES FOR SUB-METERING WHICH ENABLES AT LEAST 90% OF THE ESTIMATED ANNUAL ENERGY CONSUMPTION OF EACH FUEL TO BE ALLOCATED TO SPECIFIC ENERGY END USES.
 - 2.TO COMPLY WITH APPROVED DOCUMENT L2 OF THE BUILDING REGULATIONS THE LIGHTING CIRCUITS ARE INDIVIDUALLY METERED
 - 3.THE MAIN FEATURES OF THIS BUILDING THAT RELATES TO THE ENERGY USES ARE AS FOLLOWS
 - LIGHTING IS LED
 - THE DATA ROOMS HAVE DEDICATED AIR CONDITIONING
 - TREATED FLOOR AREA IS 70m². THIS STRATEGY ONLY FOCUSES ON THE DATA ROOMS
 - 5.IDEALLY, ALL ENERGY CONSUMPTION SHOULD BE DIRECTLY METERED, BUT THIS IS NOT ALWAYS PRACTICAL OR COST EFFECTIVE. CIBSE RECOMMENDS THAT IT IS GOOD PRACTICE THAT AT LEAST 90% OF EACH INCOMING ENERGY BE ACCOUNTED FOR THROUGH THE USE OF METERING. THIS STRATEGY USES A COMBINATION OF DIRECT METERING AND BY DIFFERENCE: THIS IS WHERE TWO DIRECT METERS ARE USED TO ESTIMATE A THIRD END-USE BY DIFFERENCE



Symbols	
	Fuse
	SERVICE METER
	Isolator
	SUB ENERGY METER
	Circuit breaker
	CALCULATED METER READING (NO PHYSICAL METER INSTALLED)
	General source
	UnknownNetwork
	MAIN PANEL DISTRIBUTION BOARD
	Other final circuit
	Lighting final circuit

Electrical Metering Strategy (New DATA ROOM)