



MAXWELL PRODUCT SITE VISIT NOTES – ASSESSMENT STAGES

1. PREPARATION OF MAXWELL COST / PAYBACK PROPOSAL

- a. Estimated system litre volume needed to determine Maxwell cost
- b. Electricity rates / utility bills for the hotel mechanical equipment
- c. Effective Full Load Hours (ELFH) per year of chiller operation
- d. Photos of the installation, pipework, access
- e. Type of Fluid - EG PG Water Only etc
- f. Piping diagrams, system schematics, sequence of operation (IF APPLICABLE)
- g. Specs on chillers / equipment and pumps (total number, sizes, type of seals, etc)
- h. ***If we have the above or closed enough we can produce a budget proposal based on 2% maxwell***

2. KEY DATA NEEDED PRIOR TO INSTALLATION – *If customer has accepted budget proposal see above*

- a. System fluid samples shipped or collected by Insynch for analysis – to be advised after cost provided and customer interest to firm up the proposal
- b. Information on BMS system and availability of sensor data
- c. Location for Maintenance and Monitoring Unit (MMU), power supply

3. MONITORING POINTS FOR M&V SYSTEM **if applicable** (available from BMS or need to install)

- a. Outside air temperature at rooftop chillers (intake to condenser fans)
- b. Chilled water supply temp (for each chiller and common to building)
- c. Chilled water return temp (for each chiller and common to building)
- d. Fluid flow rate (common to building, and through each chiller if available)
- e. Chillers energy/power consumption (from new energy meters installed at chiller subpanels, or BMS)
- f. Pumps energy/power consumption (could be difficult due to quantity of pumps)
- g. Data from on-board chiller panel if present (refrigerant pressure / temp, etc). Type of interface
- h. Location of auxiliary M&V panel (if required) with power supply source