



**I. SCHEDULING**

- CENTRAL DIMMING CONTROL SETS BUILDING INTO APPROPRIATE LIGHTING CONFIGURATION BASED ON TIME SCHEDULE E.G. SHOP FLOOR LIT @ 6 AM, OFFICE AREA @ 8 AM
- ASSURES LIGHTS ARE OFF OUTSIDE WORKING HOURS
- APPLICATION: BUILDING WIDE

**II. LOAD SHEDDING**

- LOAD CONTROLLER RECEIVES DATA FROM UTILITY METER AND MEASURES PEAK DEMAND
- ADVISES CENTRAL CONTROL WHEN PEAK DEMAND IS REACHING A CERTAIN THRESHOLD WHICH TRIGGERS LOAD SHEDDING STRATEGY
- BUILDING LIGHTING LOAD REDUCED AUTOMATICALLY UNTIL IT FALLS BELOW DEMAND THRESHOLD
- APPLICATION: BUILDING WIDE

**III. OCCUPANCY CONTROL**

- OCCUPANCY SENSORS SIGNAL SYSTEM TO TURN LIGHTS OFF (OR DIM LIGHTS DOWN TO PREDETERMINED LEVEL) WHEN THE AREA IS UNOCCUPIED
- TURNS LIGHTS ON WHEN PRESENCE IS DETECTED
- APPLICATION: LESS FREQUENTLY TRAVELLED AREAS SUCH AS OFFICES, STORAGE ROOMS, WASHROOMS

**IV. DAYLIGHT HARVESTING**

- PHOTO SENSORS MEASURE AMBIENT LIGHT LEVELS AND RELAY INFORMATION BACK TO CENTRAL CONTROLS
- CENTRAL CONTROL DIMS LIGHTING MAINTAINING LIGHT LEVELS TO COMPENSATE FOR NATURAL SUNLIGHT
- APPLICATION: PERIMETER AREAS WITH HIGH NATURAL SUNLIGHT

	JOB NAME:		PROJ NO:		TITLE:					
	<b>OPTION #1: VARILUME SYSTEM ARCHITECTURE, ENERGY SAVING STRATEGIES USING POWERLINE CONTROLLED ADDRESSABLE MODULES</b>					BY:	CH:	APP:	DATE:	SCALE: --:--
						FILENAME:			SIZE:	DWG NO: