

### CENTRAL PLANT FLEXIBILITY

#### Cooling / Heating



Condensing Boiler



Storage Tanks



Water Cooled Chiller with Cooling Tower



Air source Heat Pump or Air Cooled Chiller

*IPS can connect with these  
Central Plant Equipment.*

#### Why more savings with IPS / IPSgeo Systems?

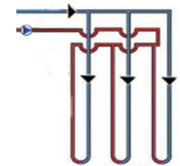
**Less Capital Cost:** The key difference of these systems is their flexibility, cost effectiveness and energy efficiency. The major reductions in capital cost is due to TWO IN ONE system which uses less pipe, pipe accessories, less equipment, less labor hours etc.,

**Higher Efficiency & Less Operating Cost:** The energy cost savings come from Central plant advantage, Heat Recovery & Economizer Free Cooling when every gallon of water used by resident saves energy (**Reduce, Recycle & Reuse approaches**).

#### Renewables



Water Source Heat Pump



Geothermal

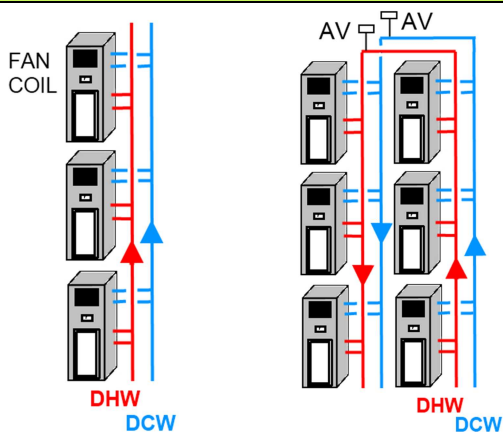


Solar Heating

### DISTRIBUTION RISERS FLEXIBILITY

*There are no height limitations with Williams IPS & IPSgeo systems.  
2 Pipe, 3 Pipe and 4 Pipe are the most popular risers configurations.*

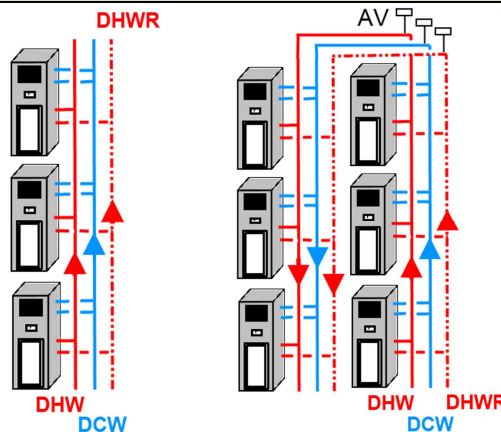
#### 2 Pipe Riser



2P Risers

2P Grouped Risers

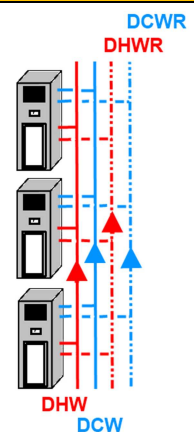
#### 3 Pipe Riser



3P Risers

3P Grouped Risers

#### 4 Pipe Riser



4P Risers

ON DEMAND APPLICATION

GEO THERMAL APPLICATION

STANDARD