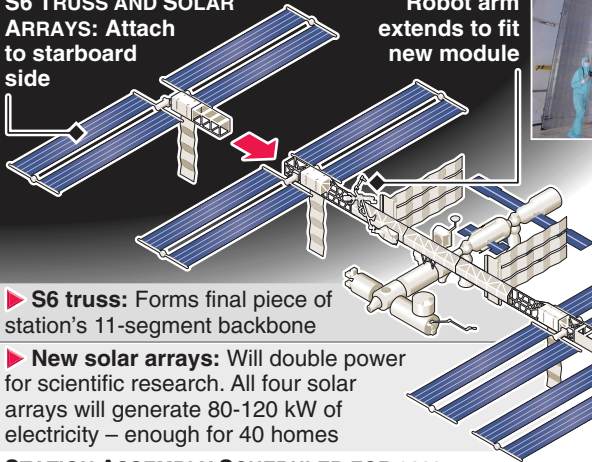


ISS to receive final power-up

The space shuttle *Discovery's* STS-119 mission is due to deliver to the International Space Station (ISS) the last set of power-generating solar arrays, enabling the orbiting facility's crew to expand from three to six during 2009

S6 TRUSS AND SOLAR ARRAYS: Attach to starboard side

Robot arm extends to fit new module



Payload inside shuttle cargo bay at Kennedy Space Center

► **S6 truss:** Forms final piece of station's 11-segment backbone

► **New solar arrays:** Will double power for scientific research. All four solar arrays will generate 80-120 kW of electricity – enough for 40 homes

STATION ASSEMBLY SCHEDULED FOR 2009

► **May 15:** STS-127

Last two elements of Japan's ***Kibo*** module

► **August:** Soyuz

Russian-built ***Mini-Research Module 2***

► **Dec 10:** STS-130

Node 3 and ***Cupola*** for ***Unity*** module