

**PLANET
SUPRA**

Energy Saving Eco Paint

Protect the Planet | Save your Money



Planet Supra demonstrates real results in cost savings despite extreme weather conditions

Case Study: Al Zour Power Station Kuwait

October 2009

The Case: Al Zour is the largest power station in Kuwait, with over 1,000 MW of capacity. The government required a cost effective solution to reduce temperatures at the station in order to extend the life of electrical equipment.

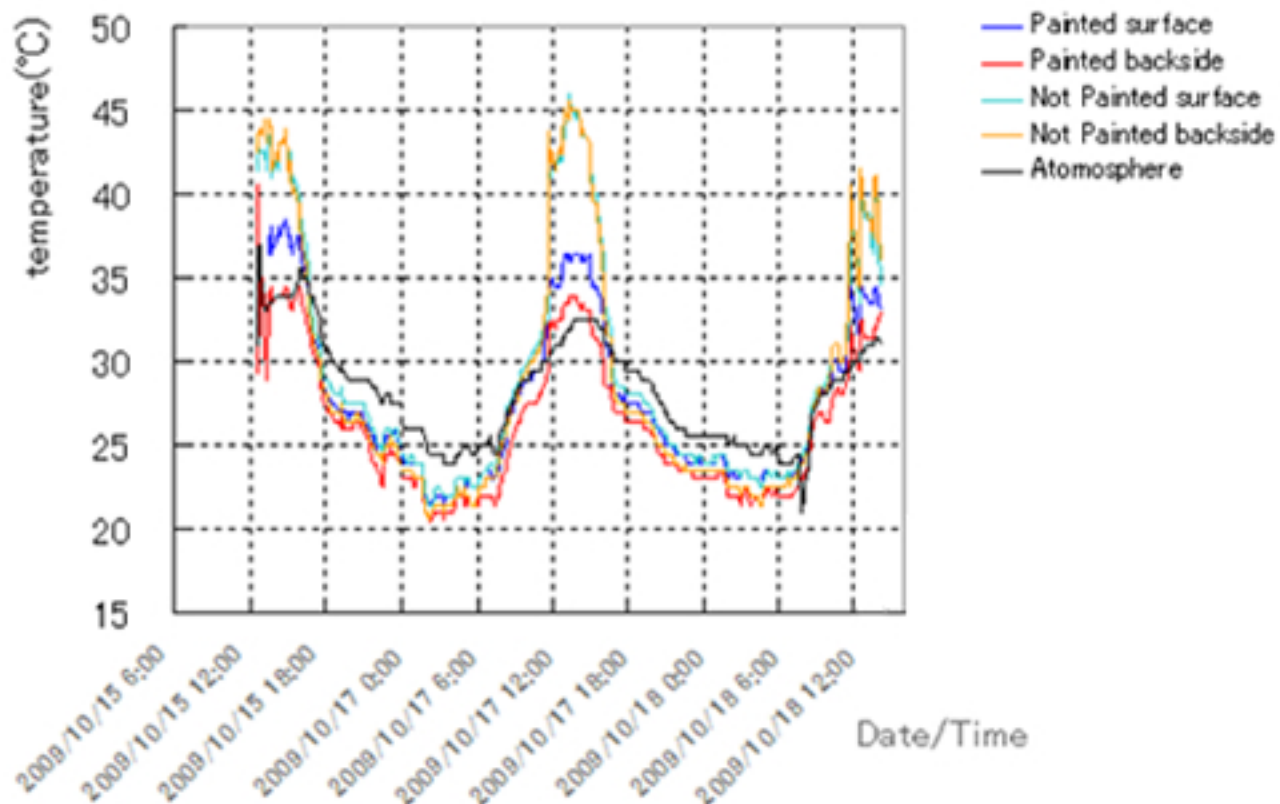
The Results: Planet Supra's application resulted in a 4.5 to 9.5°C reduction in interior and exterior roof surface temperature. Further reductions of 3°C in ambient interior temperature were achieved in sub power stations.

Planet Supra improves energy savings for Kuwait government

Planet Supra was applied to the steel roof of the power station and monitored to evaluate its effectiveness under harsh conditions.

When applied to the exterior rooftop, Planet Supra resulted in a 4.5 to 9.5°C reduction in interior and exterior roof surface temperature on a covered structure with no walls, during windy and extreme conditions.

A further test performed on a sub power station was designed to monitor the reduction in ambient temperature in order to enhance working conditions for the electrical equipment. The objective of a 3°C reduction was achieved.



PLANET SUPRA

Planet Supra is manufactured in Japan to the highest quality standards globally and is fully compliant with Japanese Material Safety Standards. It is also the world's first thermal barrier paint that is certified for carbon credits by Carbon Offset Japan (COJ).

- ✓ Makes buildings instantly energy-efficient
- ✓ High performance as per JIS R 3106:1998
- ✓ Certified solution to reduce CO2 emissions
- ✓ Easily applicable on all surfaces, without primer
- ✓ Non-inflammable, mold-free, crack-free
- ✓ Eco-friendly: water-based, VOC-free, ceramic-free
- ✓ More than 20 colors available, can be mixed with up to 10% water-based colorants