

OPTION CHECKLIST NO. 12: COGENERATION

<ul style="list-style-type: none">• Using the exhaust gas to heat the air from the compressor (mainly used in cold weather conditions).
<ul style="list-style-type: none">• Divide the compressor into two parts and cool the air between the two parts
<ul style="list-style-type: none">• Divide the turbine into two parts and reheat the gas between the two parts by passing the gas through additional burners and combustors located between the two parts.
<ul style="list-style-type: none">• Cooling the inlet air. This is mainly used in hot weather conditions.
<ul style="list-style-type: none">• Reducing the humidity of the inlet air.
<ul style="list-style-type: none">• Increasing the pressure of the air at the discharge of the air compressor.
<ul style="list-style-type: none">• Inject steam or water into the combustors or turbine.
<ul style="list-style-type: none">• Wash or otherwise clean the fouling from the blades of the air compressor and turbine at regular intervals.
<ul style="list-style-type: none">• Combinations of the above methods.