

**SOUTHERN COMBINED HEAT AND POWER PLANT  
(CHP-PLANT-22)  
BRANCH OF «NEVSKY» OJSC «TGC-1»  
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«Northern Interindustry Company  
«The Alternative» Ltd  
For the attention of Deputy Director General,  
Director for Development  
A.E. Lebedev

21 Karl Marx street, 164500 Severodvinsk,  
Arkhangelsk region, Russia

**About results of the RAH heat exchange elements replacement**

From April 01, 2011 to September 30, 2011 during mid-life repair of ТГМII-344A boiler unit No.1 there was the replacement of heat exchange elements supplied by «Northern Interindustry Company «The Alternative» Ltd in regenerative air heater PБИ-98.

The further operation of ТГМII-344A boiler unit No.1 stated the following:

- the temperature of released gases has lowered;
- boiler gross efficiency has increased by 1.47%
- specific power consumption for draft and blast has lowered by 2.03 kWatt-hour/Gcal.

All the above-mentioned changes in performance indices of the boiler unit provide significant fuel economy that has an influence on efficient functioning of the station and its reliability in whole.

Chief Engineer

N.A. Ukolov