

Stator wear problem solved

Netzsch Pumps has supplied two of its NM063SS01L06B pumps to Ancillary Components Ltd in Northampton to replace standard progressing cavity pumps to offer improved service life feeding the Goosey Lodge Power Plant.

The materials that are fed through the new pumps into the plant are all biomass including animal by-products and wastes, blended to typically 50% dry solids content by weight.

The plant runs continuously except for brief outages for planned maintenance and the new pumps now require a stator change after about six months which is twice as long as expected and considerably longer than the original pumps could manage.

According to Netzsch pump its secret lies with the patented iFD stator, which allows the elastomer to flex when in contact with abrasive particles, thereby reducing the abrasive effect on both itself and the metal rotor. The iFD stator also carries an environmental pedigree as it not only allows for smaller drives, due

to the lower breakaway torque, it can also be easily recycled; in fact it was developed in conjunction with the German Environmental Foundation (DBU). The iFD stator is also easily retro fitted to most modern Netzsch pump models.

■ For further information please visit: www.netzsch.com

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