

## SEMBCORP COAL MOUND SURVEY

- *using 3D Laser Scanning*



Sembcorp operate a coal-fired power station on Teesside and wanted to be able to calculate how much coal there was in their “mound”. Previously they had run the mound down and measured the quantity required to replace it, however this operating philosophy was no longer permitted.

ScanTech scanned the whole of the mound around it’s perimeter in 6 hours from outside the fence.

The software used to Stitch together the various scans and to subsequently model the mound, was also used to calculate the volume – a process that took only 8 hours back in the office.

The volume was passed to Sembcorp who calculated the mass of coal using our volume and the density of the coal.



**The Coal Mound**