



# AZERBAIJAN - BAKU PUMPING STATIONS

<b>Customer:</b>	Weir Pumps
<b>Site Owner:</b>	Aspheron Reg. Water
<b>Approx. Value:</b>	£2M

FSD carried out a major electrical refurbishment for Weir Pumps on 26 water treatment works sites around Baku, which included the following works:

- Refurbishment of approximately 100 off 6000V rated Oil Circuit Breakers
- Supply and Installation of approximately 100 sets of Motor / Switchgear protection equipment
- Supply and Installation of new Low Voltage Switchgear
- Installation of new High Voltage Switchgear (approximately 40 cubicles)
- Refurbish the Building Services
- Install new High Voltage and Low Voltage Power Cabling
- Install new Instrumentation and associated Cabling
- Provide Operator Training (this included UK based training for approximately 20 Aspheron employees)
- Testing and Commissioning Works
- Full Documentation

FSD worked with many local operatives to complete these works over an 18 month period, using translators to direct the workforce and commissioning the Switchgear and Instrumentation ourselves. The poor condition of the existing Switchgear meant that safe systems of working were crucial and since these stations were the only fresh water supplies to many of the surrounding areas, shut downs were programmed and carried out in the most timely and co-ordinated manner to avoid loss of water supplies wherever possible.

Materials and Equipment were sourced globally, with Switchgear coming from Turkey, Protection Equipment from Germany and all materials carried overland in 18 steel containers.

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