# POWER GENERATION

8 POWER

The power plant will be sized to meet the anticipated load of 230 megawatts using high-efficiency turbine or reciprocating engine generators operating in a combined-cycle configuration.

# NATURAL GAS PIPELINE + POWER PLANT







# SUMMARY INFORMATION

- Pipeline will connect to existing infrastructure near Happy Valley
- Buried pipe will transport gas to a compressor station near Anchor Point
- 94-mile subsea pipeline across Cook Inlet will come ashore near port site, follow road to site, and cross the bed of Lake Iliamna
- Gross flow rate of 50 million standard cubic feet per day
- 10” pipeline on land, 12” pipeline for water crossings
- Emergency backup provided by diesel generators

THE pebble PARTNERSHIP

# SCOPING CONCERNS AND ISSUES

## POWER GENERATION

- **POWER PLANT EMISSIONS WILL INCLUDE HEAVY METALS, PARTICULATE MATTER, AND TONS OF $CO_2$**
- **IMPACTS TO RAIL BELT NATURAL GAS SUPPLIES CAUSED BY THE 230 MW POWER PLANT NEED TO BE IDENTIFIED IN EIS**
    - **The Pebble Power Plant is BIGGER than Anchorage's South Central Power Plant**
- **INCREASED RISKS OF FUEL SPILLS IN COOK INLET, ILIAMNA LAKE, AND ALONG THE ENTIRE PIPELINE CORRIDOR THAT WILL CROSS NUMEROUS SALMON STREAMS, WETLANDS, AND SUBSISTENCE AREAS**