

REGION KPIs	
CO2 emissions (tons/year)	1.304109589
Operating costs (\$/year)	338409984.87
Power demand (GWh)	5766.592067
Water demand (ML/year)	69284.50773
Water operating costs (\$/year)	25989501.38
Power operating costs (\$/year)	33450386.28
Annual fixed costs of hydrogen production	36273522.67
Fuel consumption (MMBtu/year)	

ZONAL KPIs	
Ajax_Pickering	
Power demand (MWh/year)	704091.278
Water demand of the local water plant(ML/year)	22635.402

Beaverton	
Power demand (MWh/year)	232040.0356
Water demand of the local water plant(ML/year)	438.08322

Blackstock	
Power demand (MWh/year)	45293.74425
Water demand of the local water plant(ML/year)	55.1333376

Bowmaville	
Power demand (MWh/year)	171633.9226
Water demand of the local water plant(ML/year)	4299.0138

Cannington	
Power demand (MWh/year)	114822.6216
Water demand of the local water plant(ML/year)	190.416996

Greenbank	
Power demand (MWh/year)	31416.98719
Water demand of the local water plant(ML/year)	66.4999632

Newcastle	
Power demand (MWh/year)	50114.38138
Water demand of the local water plant(ML/year)	1124.23212

Orono	
Power demand (MWh/year)	45293.74425
Water demand of the local water plant(ML/year)	105.683268

Oshawa	
Power demand (MWh/year)	675089.4365

Water demand of the local water plant(ML/year)	16734.0528
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Port Perry	
Power demand (MWh/year)	77284.97225
Water demand of the local water plant(ML/year)	1056.5874

Sunderland	
Power demand (MWh/year)	31416.98719
Water demand of the local water plant(ML/year)	124.999944

Uxbridge	
Power demand (MWh/year)	87980.88663
Water demand of the local water plant(ML/year)	1009.13448

Whitby	
Power demand (MWh/year)	3500116.218
Water demand of the local water plant(ML/year)	21445.2684

PLANTs KPIs	
Power plants KPIs: Darlington	
Operating costs (\$/year)	31072588.23
Power demand (MWh/year)	5108.774494

Power plants KPIs: Pickering	
Operating costs (\$/year)	4000978.04
Power demand (MWh/year)	657.8175726

Hydrogen plant KPIs	
Plant capacity (kg/day)	167058.96
Plant capacity (kg/h)	6960.79
Plant capacity (MW)	348.0395
Generated Hydrogen (kg/year)	60976520.4
Operating costs (\$/year)	300659252.3
Capital costs (\$)	24112109.52
Annual fixed costs of hydrogen production	36273522.67