Sheehan Partners Architects

PRN-1AB Data Center 169,800 sf
Sustainable Design Elements:
Ethernet-powered LED lighting and passive cooling infrastructure reduce energy spent on running the facility
Daylighting & views in office area
Rainwater storage in courtyard for gray water use in facility
Evaporative cooling system:
Water Use Effectiveness ratio of 0.3 L/kWh (Industry avg. 1.0 L/kWh)
Energy Use Intensity (EUI) = 5.190 kBtu/sf/yr
Percent CO2 reduction = 31%
ENERGY STAR design rating = 99
Annual Savings Statistics:
(compared to an average building EPA rating of 50)
Energy savings = 381,581,857 kBtu
CO2 savings = 29,853 Metric Tons

FACEBOOK DATA CENTER
PRINEVILLE, OREGON

Photo credit: Alan Bernst, Bend, Oregon