



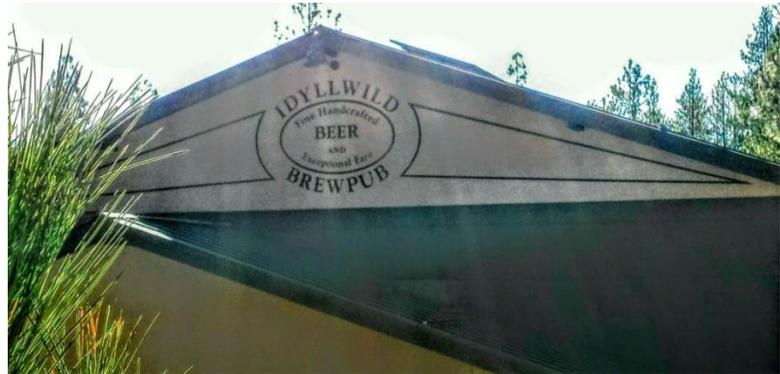
YALE/CHASE EQUIPMENT AND SERVICES, INC.

SUCCESSFUL SOLUTION

YC Power Systems Provides Idyllwild Brewpub With a "Green" Solution for their backup power

Application Background:

When the owners of the Idyllwild Brewpub decided to open their brewery/restaurant they had several crucial elements they needed to include in their total design. The importance of the environment came to mind as well as differentiating themselves from other breweries in the state so they planned to do so by incorporating 'Green' systems throughout. A plan for a 60,000 watt solar array for the roof of their building, a water treatment system for the waste water from the brewing process, a well that services the entire restaurant and a non-diesel powered generator set for their emergency backup power. The process of keeping the well running and maintaining the brewer chillers at an exact temperature is crucial. Any loss of power could mean a total loss of product that would need to be disposed of.



Solution:

With the help of YC Power Systems and the expertise of Account Engineer Paul Crafts, an LP gas fueled generator was sized. Taking into account load requirements, altitude derations as well as temperature deration, Paul calculated the proper generator for the project and determined that the Generac SG150-140 kW rated package Genset was the best solution. "The LP gas fueled SG150 was a good fit since the facility planned to install 2-500 gallon LP tanks, plus, it's also classified as being more "Green" versus the diesel powered alternative, stated Paul." This back up system will keep the chillers on line as well as other critical loads for both the brewery and restaurant. Brewmaster Donald Put commented, "If we save three batches of beer with the backup generator system it will have paid for itself."



Benefit:

With the security of a non-diesel backup power generator for the business, Idyllwild Brewpub owners are doing their part to conserve the environment as well as having the peace of mind that their business will never have a setback when a power loss occurs.