**SOLAR ENERGY WORKSHEET**

E = (A x H) / 3300

* E = energy output per day (kWh)
* A = total solar panel area (m2)
* H = annual average solar radiation (kWh/m2/year)

Efficiency = 75%

Actual Energy Output = E x 0.75

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AREA** | **A**  **(m2)** | **H**  **Summer**  **(kWh/m2/y)** | **E**  **Winter**  **(kWh PER DAY)** | **Actual Summer Output**  **(kWh PER DAY)** |
| Happy Homestead – Winter | 20 | 2377 |  |  |
| Happy Homestead – Summer | 20 | 4898 |  |  |
| Value Village – Winter | 20 | 594 |  |  |
| Value Village – Summer | 20 | 7312 |  |  |
| Toon Town – Winter | 20 | 5188 |  |  |
| Toon Town – Summer | 20 | 5675 |  |  |