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SELLING WATER AT EARTH MOON L-1

Abstract

The value of SMR is a projection of many factors, to include price of launch, mass to orbit, percentage of the mass to orbit that can be sold, and location of sale. To put this into perspective, one example will be used. The product to be sold will be water [can be leveraged into drinking water, hydrogen, oxygen, air, power, and fuel]. The presentation will illustrate the price for sale at the location of choice. If one were to deliver water from the Earth's surface, what would it cost? This calculation is an estimation of location value of water, based on many assumptions and educated projections. An analysis will show that the market value of water delivered to a location in our solar system can be priced. If you can produce and deliver this SMR product [water] for less than the Earth based price, profits can flow. Mining large quantities of water on an asteroid (or Lunar surface) and bringing it to EM L-1, as an example, would accomplish two significant goals: (1) enable more mission related mass to be launched from Earth, and 2) open up an SMR marketplace at the Earth Moon L-1 space depot.