**Washington State Electric Utility Integrated Resource Plan Cover Sheet**

| **Utility Name** | Mason County PUD#3 |
|---|---|
| Prepared By | |
| Address | |
| City | |
| State | |
| Zip | |
| Phone | |
| Email | |

| Resource Plan Year<br>From<br>To | Base Year<br>1/2007<br>12/2007<br>Annual Energy (MWa) | 2013<br>Annual Energy (MWa) | 2018<br>Annual Energy (MWa) | Notes by Line |
|---|---|---|---|---|
| **Loads** | 78.5 | 88.7 | 96.6 | **Weather Normalized load without conservation ; (1)** |
| **Resources** | | | | |
| Conservation/Efficiency | | 3.9 | 7.0 | **NWPCC Option 1 Calculator amounts cumulated between 2008 and year reported; Conservation required by I-937** |
| Demand Response | | | | |
| Co-generation | | | | |
| Hydro (critical water) | 0.00 | 0.0 | 0.0 | |
| Wind | 0.81 | 2.5 | 8.1 | **Nine Canyon 2008 ,Wind will be primary method to meet I-937 Renewable Target , 3% of Net conservation Load 2013, 9% in 2018** |
| Other Renewables | | 0.0 | 0.0 | |
| BPA Base Year PF | 77.7 | | | |
| BPA Base Year EPP | | | | |
| BPA Tier 1 Load Following | | 82.2 | 81.5 | **Net load in 2010 net of conservation effect would be max Tier 1 BPA Mwa= 82.3859223447626** |
| BPA Tier 2 Load Growth Rate | | 0.0 | 0.0 | **Tier2 fills after all other resources** |
| BPA Tier 2 Short-Term Rate | | | | |
| BPA Tier 2 Vintage Rate | | | | |
| Non BPA Load Following | | | | |
| Non BPA: Market Purchase | | | | |
| Other | | | | |
| Total Resources | 78.5 | 88.7 | 96.6 | **Required I-937 Resources offset load Growth and more** |
| | | | | |
| Load Resource Balance | 0.0 | 0.0 | 0.0 | |

**As a Full Requirement BPA Customer , Lewis County PUD #1, is eligible to file this short form to meet House Bill 1010 requirements**
As a BPA Full Requirement Customers, BPA will be the main resource to meet load.

**Footenotes**

**(1)** An Econometric model with a Heating Degree base 50 variable was used to weather normalize calendar 2007 System Kwh
Annual Growth from base set from econometric analysis of customer/load growth & State of WA OFM population growth rates

**Below is not part of Form ; for Calculation Only don't enter or print**

| | 2013 | 2018 |
|---|---|---|
| Non BPA resources ether owned or mandated | 6.5 | 15.0 |
| Load net of above | 82.2 | 81.5 |
| Tier 1 BPA from net Load 2010 | 82.4 | 82.4 |
| Tier 1 BPA needed | 82.2 | 81.5 |
| Tier2 BPA needed | 0.0 | 0.0 |

Required I-937 Resources offset load Growth and more

**Net load in 2010 net of conservation effect would be max Tier 1 BPA**