

Core OSeMOSYS versions	Key changes to previous version	Compatible add-ons
<b>OSeMOSYS_2015_08_27/ OSeMOSYS_2015_08_27_short</b>  Published: <b>24 August, 2015</b>  Sample Data file: <b>UTOPIA_2015_08_24</b>	<ul style="list-style-type: none"> <li>- Removed the parameter TechWithCapacityNeededToMeetPeakTS from constraint CAa4_Constraint_Capacity</li> <li>- Fixed a bug related to using CapacityOfOneTechnologyUnit in constraint CAa5_TotalNewCapacity</li> <li>- Fixed a bug in the storage equations which caused an error if more than one day type was used</li> <li>- DiscountRate no longer technology-specific. DiscountRateStorage replaced by DiscountRate</li> </ul>	Flexible Demand
		Prioritisation of Demands
<b>OSeMOSYS_2013_05_10<sup>1</sup>/ OSeMOSYS_2013_05_10_short</b>  Published: <b>10 May, 2013</b>  Sample Data file: <b>UTOPIA_2013_05_10</b>	<ul style="list-style-type: none"> <li>- Re-ordered the arguments of parameters, variables and constraints to be compatible for use with the ANSWER interface which is currently being developed by Noble-Soft Systems Pty Ltd.</li> <li>- Significantly reduced the total number of equations by integrating them into the existing inequalities. This eliminates the need to calculate and store intermediate values.</li> </ul>	Flexible Demand
		Prioritisation of Demands
<b>OSeMOSYS_2013_04_30</b>  Published: <b>30 April, 2013</b>  Sample Data File: <b>UTOPIA_2013_03_14</b>	<ul style="list-style-type: none"> <li>- A bug was fixed which occurred if concrete blocks of capacity were to be considered, i.e., if the parameter 'CapacityOfOneTechnologyUnit' was chosen to be unequal to zero. In this case the 'NewCapacity' variable was left undefined. The derived variable 'CapitalInvestment' was therefore not calculated correctly.</li> </ul>	Flexible Demand
		Prioritisation of Demands
<b>OSeMOSYS_2013_03_14</b>  Published: <b>14 March, 2013</b>  Sample Data file: <b>UTOPIA_2013_03_14</b>	<ul style="list-style-type: none"> <li>- Introduced the option to choose between sinking fund and straight line depreciation</li> <li>- Removed parameter 'SalvageFactor', which was not used by the model</li> <li>- Fixed a bug in the storage equations which caused an error if more than one day type was used</li> </ul>	Flexible Demand
		Prioritisation of Demands
<b>OSeMOSYS_2012_06_01_BETA</b>  Published: <b>01 June, 2012</b>	Introduced: <ul style="list-style-type: none"> <li>- Trade between regions</li> <li>- Technology additions in predefined blocks of capacity</li> <li>- Variability in generation</li> </ul>	Flexible Demand
		Prioritisation of Demands

<sup>1</sup> Henceforth, this reordered indexing will be applied to all future versions of the OSeMOSYS model

<p>Published: <b>07 July, 2011</b></p> <p>Sample Data file: <b>UTOPIA_2011_07_07.txt</b></p>	<p>'StartYear'</p> <ul style="list-style-type: none"> <li>- Emissions discounting is introduced</li> <li>Removed a bug in the salvage value calculation</li> </ul>	
<p><b>OSeMOSYS_2011_01_01</b></p> <p>Published: <b>15 June, 2011</b></p> <p>Sample Data file: <b>UTOPIA.txt</b></p>	<p>First openly accessible version, as documented in "OSeMOSYS: The Open Source Energy Modeling System - An introduction to its ethos, structure and development"</p>	
<p>Example Data file: <b>UTOPIA_2012_06_01_BETA</b></p>	<ul style="list-style-type: none"> <li>- Improved storage modeling</li> <li>Reduced number of equations created, removed obsolete parameter definitions and changed file extensions for better use with GUSEK.</li> </ul>	<p>Variability in generation (Added to core code)</p> <p>Storage (Added to core code)</p>
<p><b>OSeMOSYS_2011_11_08</b></p> <p>Published: <b>08 November, 2011</b></p> <p>Sample Data file: <b>UTOPIA_2011_11_08</b></p>	<ul style="list-style-type: none"> <li>- Minor bug fixes and cosmetic changes</li> </ul>	<p>Flexible Demand</p> <p>Prioritisation of Demands</p> <p>Variability in generation</p> <p>Storage</p>
<p><b>OSeMOSYS_2011_07_07</b></p>	<ul style="list-style-type: none"> <li>- Removed the need to include the parameter</li> </ul>	