

Test Cases IT

Test Cases

Aa ID	Model	Who?	Test Category	CT	ST	TT	input carriers	output carriers	nodes	PWA Conversion Factor	PWA Capex	min load	min capacity addition	Intrayear
<u>1</u>	1a	AG	Base	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>2</u>	1b	JM	Base	boiler	gas storage	pipeline	gas	heat	2	lin, file	lin, file	0	0	1 TS
<u>3</u>	1c	LK	Base	boiler	gas storage	-	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>4</u>	1d	LK	Base	boiler	-	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>5</u>	2a	AG	MILP	boiler	gas storage	pipeline	gas	heat	2	PWA	lin, attribute	0	0	1 TS
<u>6</u>	2b	AG	MILP	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	PWA	0	0	1 TS
<u>7</u>	2c	JM	MILP	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	yes	0	1 TS
<u>8</u>	2d	JM	MILP	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	yes	1 TS
<u>9</u>	3a	AG	Multi-Carrier	boiler	gas storage	pipeline	gas	heat, carbon	2	lin, attributes	lin, attributes	0	0	1 TS
<u>10</u>	3b	AG	Multi-Carrier	boiler	gas storage	pipeline	gas, oxygen	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>11</u>	4a	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	full TS
<u>12</u>	4b	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	full TS, aggregated to 10 TS
<u>13</u>	4c	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>14</u>	4d	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>15</u>	4e	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>16</u>	4f	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	full TS, aggregated to 10 TS
<u>17</u>	4g	JM	Time	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	full TS, aggregated to 10 TS
<u>18</u>	5a	AG	Multi-Scenarios	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>19</u>	5b	AG	Multi-Scenarios	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS

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<u>20</u>	5c	AG	Multi-Scenarios	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>21</u>	5d	AG	Multi-Scenarios	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>22</u>	6a	JM	Brownfield	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>23</u>	6b	AG	Technology diffusion	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>24</u>	6c	AG	Construction times	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>25</u>	7a	LK	Interpolate yearly input data	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS
<u>26</u>	7b	LK	Don't interpolate yearly input data	boiler	gas storage	pipeline	gas	heat	2	lin, attributes	lin, attributes	0	0	1 TS