

## GDOP 03 – Initial Notification of a Pending Green Deal

### Document Control

Version	Status	Author	Release Date	Reason for release
1.0	FINAL	MRA Green Deal Project	02/07/2012	Baseline technical requirements for the generation of the request to notify the Bill Payer of a pending Green Deal and associated responses
2.0	FINAL	MRA Green Deal Project	23/07/2012	Revised technical baseline
3.0	FINAL	Dan Cantle, Paul McDowell	15/02/2013	Updated baseline for GDCC R02.0
3.1	DRAFT	Dan Cantle, Paul McDowell	10/04/2013	Updated to align with confirmed requirements for GDCC release R04.0, issued for comment
4.0	APPROVED	Dan Cantle	14/05/2013	Baseline for release R04.0 issued to industry
5.0	APPROVED	Patrick Dwyer	22/11/2013	Baseline version for release R05.0
6.0	APPROVED	Andy Bard	02/01/2014	Baseline version for release R06.0
7.0	APPROVED	Andy Bard	23/07/2014	Baseline version for release R07.0
8.0	APPROVED	Alex Tear	04/12/2014	Baseline version for release R08.0
9.0	APPROVED	Andy Bard	30/07/2015	Baseline version for release R09.0
10.0	APPROVED	Alex Tear	25/02/2016	Baseline version for release R10.0
11.0	APPROVED	Gary Bilton	30/06/2016	Baseline version for release R11.0
12.0	APPROVED	Gary Bilton	03/11/2016	Baseline version for release R12.0

### Document Purpose

This document provides a technical overview of the GDCC and associated functionality required to support the GDCC Green Deal Market Scenarios (GDMS) as defined within the *MRA Agreed Procedure for the Green Deal Central Charge Database* (“MAP 18”).

For the avoidance of doubt, this document is not maintained under the governance of the MRA Change Process, but rather is under the control of the MRASCo Central Administration Service (CAS) for use in the development and testing of GDCC solutions and as such forms part of the agreed GDCC User Requirements Specification for the GDCC release R12.0 baseline.

APPROVED

## Summary

This scenario covers (from a GDCC perspective) the process for the provision of data to the Green Deal Licensee to allow the initial notification of a pending Green Deal to the Bill Payer. As such, it includes:

- A request from the Green Deal Provider or GDAA Finance Party (in either case referred to as the GD Provider in this process) that the Bill Payer is contacted by the Green Deal Licensee, sent via the GDCC;
- Validation of the request by the GDCC;
- Reference to the generation of a request to the relevant MPAS to assign effective from and to dates for the Green Deal MPAN Core associated with the Green Deal Plan record in the GDCC;
- Green Deal Licensee responses to the GDCC;
- The updating of the Green Deal Plan record in the GDCC to 'PENDING' if required;
- Notifications from the GDCC to the relevant EPC Register; and
- GDCC responses to the GD Provider for both successful and unsuccessful data update requests.

The following pre-requisites apply to the use of this process:

- A D0341 with a positive (101) Response Code has been received from a Green Deal Licensee for that Plan in response to a D0319 generated by the GDCC under GDOP01
- The Green Deal Plan record in the GDCC has a status of 'NEW'; or 'PENDING';
- There is no other GD Plan record currently at a status of "PENDING" for the **EPC Property Reference Number** associated to the **GD Plan ID**
- No successful Supplier Verification has been completed by the Green Deal Licensee in relation to this process; and
- The Green Deal Licensee has confirmed that the Electricity Account and Green Deal MPAN Core details provided are valid during the GDOP 01 *The Creation of a New Green Deal Plan Record in the GDCC* process.

The following DTN data flows are used within this process:

- D0323            GD Provider Advice of Pending Green Deal

- D0336 Request to Advise Bill Payer of Pending Green Deal
- D0341 GD Licensee Response to GDCC
- D0344 Response from GDCC to GD Provider

## Market Process Scenario

The process steps within this scenario are aligned to those in the accompanying process workflow. A list of reject codes is also provided cross-referenced to the market scenario.

Step	Activity	Input Step	Output Step
1.1	<p>The GD Provider generates D0323 data flow to the GDCC containing:</p> <ul style="list-style-type: none"> <li>a) The <b>GD Plan ID</b>;</li> <li>b) A unique sequential <b>Party Instruction Number</b>; and</li> <li>c) The <b>GD Plan Proposed End Date</b> where this differs from a previously entered value;</li> </ul> <p>Where the GD Provider is submitting a request for notification to the Bill Payer following the correction of data, and the <b>GD Plan Proposed End Date</b> has not changed, this data item should <b>not</b> be populated.</p>	STARTS	1.2
1.2	The GDCC processes the incoming D0323 data flow and updates logs and records accordingly.	1.1	2.1

Step	Activity	Input Step	Output Step
2.1	<p>The GDCC will carry out basic internal checks against the data received, these will determine if:</p> <ul style="list-style-type: none"> <li>a) All mandatory fields are present;</li> <li>b) The <b>Party Instruction Number</b> is unique for that party;</li> <li>c) The <b>GD Plan ID</b> is recognised;</li> <li>d) The party sending the request is the GD Provider associated to the Green Deal Plan record in the GDCC;</li> <li>e) Where the <b>GD Plan Proposed End Date</b> is populated, this value is:               <ul style="list-style-type: none"> <li>1) For a date at least 20 Working Days in the future; and</li> <li>2) Different to any value already held in the GDCC, (or the <b>GD Plan Proposed End Date</b> is not already present);</li> </ul> </li> <li>f) A D0341 with a positive (101) Response Code has been received from a Green Deal Licensee for that Plan in response to a D0319 generated by the GDCC under GDOP01;</li> <li>g) A D0323 data flow has not already been successfully processed i.e. where the Green Deal Licensee has confirmed a previous successful Supplier Verification under this process, the GDCC will reject the request;</li> <li>h) The “Initial Notification of a Pending Green Deal” process <i>is not</i> already in progress (i.e. the following <i>is not</i> the case: the system has received a D0323 but has not yet generated or sent a D0344 response to the Provider.</li> <li>i) There is no other GD Plan record currently at a status of “PENDING” for the <b>EPC Property Reference Number</b> associated to the <b>GD Plan ID</b>; and</li> <li>j) The <b>GD Provider MPID</b> is both valid and associated with the appropriate role in GDMD for the effective date of the proposed Green Deal Plan record update.</li> </ul>	1.2	3.1 (PASS)/ 4.1 (FAIL)

Step	Activity	Input Step	Output Step
3.1	Where the request passes validation at step 2.1, the GDCC will carry out checks against ECOES to confirm that the associated <b>Green Deal MPAN Core</b> : <ul style="list-style-type: none"> <li>a) Is not associated to an export supply (which is derived in ECOES by the Line Loss Factor Class applied in MPAS);</li> <li>b) Has a status of 'Traded';</li> <li>c) Is registered to an Electricity Supplier who is a Green Deal Licensee;</li> <li>d) Is not 'in flight' between Suppliers (that is, where a Registration Request has been received and accepted within the previous ten (10) Working Days); and</li> <li>e) Does not have a future registration to a Supplier who is not a Green Deal Licensee.</li> </ul>	2.1	6.1 (PASS)/ 4.1 (FAIL)
4.1	Where exceptions are captured, the GDCC will record these and generate a D0344 data flow to the GD Provider containing details of all exceptions captured at the relevant process step.	2.1 or 3.1 or 8.2	5.1
5.1	The GD Provider will need to ensure that the Green Deal Plan record is set to the correct status following the decision not to re-submit a D0323 data flow; the next step will depend on the status of the Green Deal Plan record in the GDCC as set out in steps 5.2.1, 5.2.2, and 5.2.3.	4.1	5.2.1 (CANCEL)/ 5.2.2 (COMPLETE)/ 5.2.3 (NO FURTHER ACTION)
5.2.1	Where the Green Deal Plan record is at a status of 'NEW' in the GDCC, the GD Provider will follow the GDOP 02 <i>The Cancellation of a Green Deal Plan prior to Initial Notification</i> process.	5.1	ENDS
5.2.2	Where the Green Deal Plan record is at a status of 'PENDING' in the GDCC, the GD Provider will follow the GDOP 08 <i>GD Provider Updates to Green Deal Charge Data</i> process to update the status of the Green Deal Plan to 'COMPLETED', thus retiring the unique <b>GD Plan ID</b> reference number from any future use.	5.1	ENDS
5.2.3	Where the Green Deal Plan record is at neither a status of 'NEW' or 'PENDING' (or the request is rejected due to an invalid <b>GD Plan Id</b> being entered), the GD Provider need take no further action.	5.1	ENDS

Step	Activity	Input Step	Output Step
6.1	<p>Where the request passes validation, the application will determine whether an update to the associated MPAN record in MPAS is required. Such an update will be issued where:</p> <ul style="list-style-type: none"> <li>a) no effective dates are set against the relevant MPAN in MPAS for any Green Deal Plan(s); or</li> <li>b) the <b>GD Plan Proposed End Date</b> submitted is greater than the existing <b>GD MPAN ETD</b> in MPAS for the relevant MPAN.</li> </ul>	3.1	7.1 (MPAS UPDATE)/ 9.1 (NO MPAS UPDATE)
7.1	The GDCC will generate a D0324 data flow as per the GDOP 04 <i>Updates to Green Deal Effective Dates in MPAS</i> process in order to update effective dates for the associated MPAN as required.	6.1	8.1
8.1	On completion of the GDOP 04 <i>Updates to Green Deal Effective Dates in MPAS</i> process, the MPAS will return a D0340 data flow either accepting or rejecting the update request.	7.1	8.2
8.2	<p>The GDCC will record the receipt of the D0340 data flow and determine the actions required on its contents.</p> <p>Where the update has been rejected, the GD Provider will be informed of the reasons for the rejection via a D0344 data flow as at step 4.1, and the record in the GDCC will not be updated.</p> <p>Where the update has been accepted, the Green Deal Plan record will be updated as set out in step 10.1</p>	8.1	4.1 (FAIL)/ 9.1 (PASS)
9.1	<p>Where any requested MPAS update has been successfully applied, or no update is required, the Green Deal Plan record in the GDCC will be updated. This will include:</p> <ul style="list-style-type: none"> <li>a) Updating the Green Deal Plan record status to 'PENDING' if previously at a status of 'NEW'; and</li> <li>b) The update of the <b>GD Plan Actual End Date</b> to match the <b>GD MPAN ETD</b> in MPAS.</li> </ul> <p>At this point, the <b>GD Plan Proposed Plan End Date</b> is no longer used, but rather is replaced by the <b>GD Plan Actual End Date</b>.</p>	6.1 or 8.2	10.1

Step	Activity	Input Step	Output Step
10.1	<p>Where a Green Deal Plan record is successfully updated to a status of 'PENDING' in the GDCC at this stage, an update will be sent to the relevant EPC register containing:</p> <ul style="list-style-type: none"> <li>• The <b>GD Plan Id</b>;</li> <li>• The Green Deal Plan Status ("PENDING"); and</li> <li>• The effective date of the changed Green Deal Plan record status.</li> </ul>	9.1	11.1
11.1	<p>Once the Green Deal Plan record has been updated to the correct status, the effective dates are aligned in the GDCC to the dates provided and accepted in MPAS, and an update has been generated to the relevant EPC register, the Green Deal Licensee will be requested to carry out the Supplier Verification via a D0336 data flow.</p> <p>The D0336 data flow will include:</p> <ol style="list-style-type: none"> <li>The <b>Electricity Account Number</b> as previously provided (or as subsequently updated to the GDCC by the GD Provider via the GDOP 07 <i>GD Provider Updates to Green Deal Plan Data</i> process);</li> <li>Any <b>GD Customer Site Reference</b> previously provided (or as subsequently updated to the GDCC by the GD Provider via the GDOP 07 <i>GD Provider Updates to Green Deal Plan Data</i> process);</li> <li>The <b>GD Plan ID</b>;</li> <li>A unique <b>GDCC Instruction Number</b> for tracking purposes; and</li> <li>The <b>Green Deal MPAN Core</b> associated with the Green Deal Plan record in the GDCC.</li> </ol>	10.1	12.1
12.1	<p>On receipt of the D0336 data flow, the Green Deal Licensee will need to make checks within their own systems to confirm the following:</p> <ol style="list-style-type: none"> <li>The <b>Electricity Account Number</b> can be located;</li> <li>The <b>Electricity Account Number</b> and <b>Green Deal MPAN Core</b> are associated to each other;</li> <li>They are not erroneously registered as the Supplier for the <b>Green Deal MPAN Core</b>; and</li> <li>There is a current Bill Payer associated with the <b>Electricity Account Number</b> provided.</li> </ol>	11.1	13.1



Step	Activity	Input Step	Output Step
13.1	<p>The Green Deal Licensee will generate a D0341 data flow including the <b>GDCC Instruction Number</b> from the incoming request, and all appropriate <b>GD Party Response Codes</b> to indicate whether the Supplier Verification was successfully completed or otherwise.</p> <p>Where the Green Deal Licensee determines that the Account Number and MPAN are valid, but the GD Customer Site Reference provided cannot be located or does not correspond to the MPAN provided, they may also include a warning to that effect in any response.</p>	12.1	13.2
13.2	<p>On receipt of the D0341 data flow, the GDCC will validate that it relates to a valid <b>GDCC Instruction Number</b> for a data flow issued to the sending Green Deal Licensee</p> <p>Where this validation is passed, the process will continue as set out in step 16.1, otherwise a report is generated to the MRASCo Central Administration Service (CAS) as per step 14.1.</p>	13.1	14.1 (FAIL) / 16.1 (PASS)
14.1	Where an incoming D0341 data flow from a Green Deal Licensee cannot be associated to a valid <b>GDCC Instruction Number</b> to allow the process to continue, the GDCC will generate a report to the CAS for investigation.	13.2	14.2
14.2	CAS will contact the sender of the D0341 data flow in order to request investigation and resolution of issues.	14.1	15.1
15.1	Once contacted by CAS, the Green Deal Licensee will investigate and resolve issues with the data sent in the D0341 data flow, and generate a revised D0341 data flow containing either acceptance confirmation, or exceptions as appropriate.	14.2	13.1
16.1	Where a notification is received via a valid D0341 data flow at this stage, the GDCC will log the responses against the <b>GDCC Instruction Number</b> as appropriate and update the datasets as required.	13.2	16.2
16.2	Following internal updates, the GDCC will issue a D0344 data flow informing the GD Provider of the response received from the Green Deal Licensee including any reason(s) for the rejection of a request.	16.1	17.1

Step	Activity	Input Step	Output Step
17.1	<p>On receipt of the D0344 data flow, the GD Provider will determine the appropriate course of action, depending on the response code(s) received via the incoming data flow.</p> <p><b>NOTE:</b> Any changes made to records in the GDCC following MPAS updates will <b>NOT</b> be rolled back where the Green Deal Licensee rejects a request to notify the Bill Payer.</p>	16.2	18.1 (DO NOT PROCEED TO INSTALLATION)  17.2 (PROCEED TO INSTALLATION)
17.2	Where the Green Deal Licensee has confirmed that the Supplier Verification has been successfully completed, the GD Provider may instruct the Green Deal installer to proceed with installation of measures.	17.1	ENDS
18.1	Where the GD Provider determines not to proceed to installation, they will need to establish the appropriate course of action and either re-submit revised data or decide not to proceed with the Green Deal Plan.	17.1	18.2 (DO NOT PROCEED) OR 18.3 (SUBMIT REVISED DATA)
18.2	Where the GD Provider determines NOT to proceed with the Green Deal Plan, they will follow the GDOP 08 <i>GD Provider Updates to Green Deal Charge Details</i> process to set the Green Deal Plan record to a status where it is 'retired' and therefore no longer available for use. This process will also result in the effective to date for the associated MPAN being amended in MPAS.	18.1	ENDS
18.3	Where the GD Provider determines that there is a need to submit corrected data prior to making a new request for the notification to be issued, they will follow the GDOP 07 <i>GD Provider Updates to Green Deal Plan Data</i> process to amend data prior to generating a new D0323 data flow as at step 1 of this process.	18.1	ENDS

## GDCC and Party Response Codes used in the Scenario

Step	Event	Flow	Response Code Generated	Flow
2.1	Not all Mandatory fields are populated	D0323	301 Not all mandatory data provided	D0344
	The GD Plan Id is not recognised		319 GD Plan ID invalid	
	The Green Deal Plan is not at 'NEW' or 'PENDING' status		320 Green Deal Plan not at correct status	
	The proposed end date is not more than twenty (20) Working Days in the future		321 Invalid Initial proposed Green Deal Plan end date	
	The proposed end date is the same as a value already held in the GDCC		321 Invalid Initial proposed Green Deal Plan end date	
	The party sending the request is not the GD Provider associated to the Green Deal Plan record in the GDCC		339 Green Deal Plan record not associated to GD Provider	
	The Party Instruction Number provided is a duplicate value for one already logged		350 Invalid Party Instruction Number	
	The Green Deal Licensee has confirmed that a notification regarding pending Green Deal charges for this Green Deal Plan has previously been sent to a Bill Payer.		355 Duplicate request to notify Bill Payer of a pending Green Deal	
	"Initial Notification of a Pending Green Deal" process is already in progress (a D0323 has been received by GDCC for the plan but a D0344 has not yet generated in response to that D0323)		355 Duplicate request to notify Bill Payer of a pending Green Deal	
	A D0341 with a positive(101) Response Code has not yet been received from a Green Deal Licensee for that plan in response to a D0319 generated by the GDCC under GDOP01		356 Data Provided not permitted for current Green Deal Status	
	The Combination of MPID and Market Role for the sender is not valid in GDMD for the EFD of the incoming transaction		367 Combination of MPID and Market Role not valid in GDMD for Sender for EFD	
There is currently a GD Plan record at a status of "PENDING" for the EPC Property Reference Number associated to the GD Plan ID	372 A GD Plan is at PENDING status for EPC PRN			

Step	Event	Flow	Response Code Generated	Flow
3.1	LLFC is for an export meter according to ECOES	D0323	312 MPAN Core LLFC not valid for import meter	D0344
	Supplier for valid MPAN is not a Green Deal Licensee in GDCC		314 Supplier not Green Deal Licensee	
	MPAN not 'traded' (i.e. not live and registered to a Supplier)		341 MPAN Core not at correct registration status	
	MPAN has a registration request against it that is still in objection period (i.e. is 'in flight' between Suppliers)		341 MPAN Core not at correct registration status	
	A future registration to a Supplier who is not a Green Deal Licensee exists		361 Future Registration to Supplier who is not Green Deal Licensee	
8.2 <sup>1</sup>	LLFC is for an export meter according to MPAS	D0340	312 MPAN Core LLFC not valid for import meter	D0344
	Supplier for MPAN is not a Green Deal Licensee in GDCC		314 Supplier not Green Deal Licensee	
	MPAN not 'traded' (i.e. not live and registered to a Supplier)		341 MPAN Core not at correct registration status	
	MPAN has a registration request against it that is still in objection period (i.e. is 'in flight' between Suppliers)		341 MPAN Core not at correct registration status	
	A future registration to a Supplier who is not a Green Deal Supplier exists		361 Future Registration to Supplier who is not Green Deal Licensee	
13.1	Electricity Account Number provided not found by Green Deal Licensee	D0336	315 Electricity Account Number not found	D0341
	No Bill Payer for account e.g. long-term vacant		316 No current Bill Payer	
	Electricity Account Number and Green Deal MPAN Core not for same account on Supplier systems		318 MPAN Core not associated with the Electricity Account Number presented	
	Systems show that an Erroneous Registration is in the process of being resolved i.e. the current Supplier expects to lose the MPAN back to another Supplier following resolution of issues		332 An Erroneous Registration is in the process of being resolved	

<sup>1</sup> Any rejections at this point in the process will reflect those received from MPAS in the GDBP 04 *Updates to Green Deal Effective Dates in MPAS process*  
 GDOP 03 - Initial Notification Of A Pending Green Deal V12.0 APPROVED

Step	Event	Flow	Response Code Generated	Flow
	Request processed successfully and notification sent to Bill Payer		101 Request processed successfully	
	The Account Number and MPAN are valid, but the GD Customer Site Reference provided cannot be located or does not correspond to the MPAN provided		205 GD Customer Site Reference Mismatch	
16.2	Electricity Account Number provided not found by Green Deal Licensee	D0323	315 Electricity Account Number not found	D0344
	No Bill Payer for account e.g. long-term vacant		316 No current Bill Payer	
	Electricity Account Number and Green Deal MPAN Core not for same account on Supplier systems		318 MPAN Core not associated with the Electricity Account Number presented	
	Systems show that an Erroneous Registration is in the process of being resolved i.e. the current Supplier expects to lose the MPAN back to another Supplier following resolution of issues		332 An Erroneous Registration is in the process of being resolved	

## Market Process Scenario Workflow

